

CHAPTER 5 - ESTABLISHMENT INSPECTION

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SUBCHAPTER 500 - INSPECTION INFORMATION

501 - AUTHORITY TO ENTER AND INSPECT

See IOM 701 for discussion of statutory authority.

FDA Investigator's Responsibility - Your authority to enter and inspect establishments is predicated upon specific obligations to the firm as described below. It is your responsibility to conduct all inspections at reasonable times and within reasonable limits and in a reasonable manner. Proceed with diplomacy, tact and persuasiveness.

Credentials - Display your credentials to the top management official be it the owner, operator, or agent in charge. See IOM 511.

NOTE: Although management may examine your credentials and record the number and your name, do not permit your credentials to be photocopied. Federal Law (Title 18, U.S.C. 701) prohibits photographing, counterfeiting, or misuse of official credentials.

Written Notice - After showing the firm's representative your credentials, issue the original, properly executed, and signed FDA 482, Notice of Inspection, to the top management official. Keep the carbon copy for submission with your report.

Written Observations - Upon completing the inspection and before leaving the premises, provide the highest management official available your inspectional findings on an FDA 483 - Inspectional Observations. See Section 704(b) of the FD&C Act [21 U.S.C. 374 (b)] and IOM 512 & 516.

Receipts - Furnish the top management official the original of the FDA-484 - Receipt for Samples describing any samples obtained during the inspection. See IOM 513.

Written Demand for Records - In low-acid canned food and acidified food EI's, an FDA 482a - Demand for Records is required under 21 CFR 108.35(h) and 21 CFR 108.25(g) to obtain records required by 21 CFR 113 and 114.

Written Request for Information - In low-acid canned foods and acidified foods EI's, an FDA 482b, Request for Information, is required under 21 CFR 108.35(c)(3)(ii) and 21 CFR 108.25(c)(3)(ii) to obtain information concerning processes and procedures required under 21 CFR 113 and 114.

It is your obligation to fulfill these requirements because failure to do so may prevent use of evidence and information obtained during the inspection.

501.01 - Business Premises

Authority to inspect firms operating at a business location is described in IOM 501 and requires issuing management an FDA 482, Notice of Inspection, and presenting your credentials. A warrant for inspection is not necessary unless a refusal or partial refusal is encountered or anticipated.

501.02 - Premises Used for Living Quarters

All inspections where the premises are also used for living quarters must be conducted with a warrant for inspection unless:

tion unless:

Owner Agreeable - The owner or operator is fully agreeable and offers no resistance or objection whatsoever or;

Physically Separated - The actual business operations to be inspected are physically separated from the living quarters by doors or other building construction. These would provide a distinct division of the premises into two physical areas, one for living quarters and the other for business operations, and you do not enter the living area.

In both the latter cases, proceed as any other inspection with the appropriate presentation of credentials and issuance of a Notice of Inspection.

501.03 - Facilities where Electronic Products are Used or Held

Section 537(a) of the Radiation Control for Health and Safety Act of 1968 (P.L. 90-602) provides the FDA with the authority to inspect the facilities of manufacturers in certain circumstances.

It is lawful for FDA personnel to enter the facilities of an electronic product distributor, dealer, assembler or user for the purpose of testing an electronic product for radiation safety when the entry is voluntarily permitted. Congress has not specifically prohibited FDA from conducting such voluntary examinations and such examinations would clearly agree with the congressional declaration of purpose expressed in section 532(a) of the RCH&S Act.

Under the Medical Device Authority, electronic products utilized in human and/or veterinary medicine, e.g., x-ray, laser, ultra-sound, diathermy, etc. can be considered prescription devices. In these cases the authority of Section 704 of the FD&C Act [21 U.S.C. 374] can be used to obtain entry to inspect the user facility. If the Medical Device Authority is utilized, credentials must be displayed and a FDA 482, Notice of Inspection, must be issued.

501.04 - Multiple Occupancy Inspections

You are required to issue a Notice of Inspection, FDA 482, to each firm inspected. When firms have operations located in different sites or buildings, you should use judgment to determine when multiple FDA 482 forms need to be issued. For sites located a distance apart, it is preferable to issue an FDA 482 to the most responsible person at each site. One rule of thumb which can be used is if the sites or buildings are within walking distance, your original Notice of Inspection can be considered sufficient to cover both. During your initial interview with management, after you issue the FDA 482, make sure you clearly indicate the facility and sites you intend to inspect. If management requests separate Notices, cooperate and issue them. There is no harm in issuing more than one to cover a single inspection operation at multiple sites as long as you clearly explain the situation in your narrative report.

The following instructions are to be followed when: more than one firm operates in the same facility and applies to situations covered by 21 CFR 201.1(c), et al.

1. Issue one FDA 482, Notice of Inspection, for the location inspected, but list all known firms using that loca-

tion. Issue the FDA 482 to the person in charge. If multiple firms are represented on site by separate people, give them each a copy of the FDA 482. If necessary issue additional FDA 482(s).

If you later determine other firms besides those listed on the original FDA 482 are using the facility, issue a revised FDA 482 to cover those firms.

2. Inspect the firm premises according to your assignment including each firm listed on the FDA 482.

(a) Ask to examine records of each firm. If there are no records for a firm on site, report this fact.

(b) If the lessee firm's records are on site, but they have no representative available and the lessor firm states permission to examine records must come from elsewhere, request them to quickly obtain permission for record examination and offer to provide a copy of the FDA 482.

(c) Determine individual responsibility for each firm operating on the premises at the time of the inspection. Give detailed information of the responsibilities between the lessee/lessor firms.

3. Closeout discussion with management should be conducted with all firm representatives present at the same time. However, if requested by the firm(s), the discussion may be done separately.

4. Report the inspection into FACTS as one inspection using the FEI/Registration number of the lessor firm.

5. One EIR will be written incorporating all of the facts into one narrative. Each firm's separate operations should be reported under a separate EIR heading for each firm's operations.

501.05 - Authority for Examinations and Investigations

Section 702(a) of the FD & C Act [21 U.S.C. 372 (a)] authorizes examinations and investigations for the purpose of enforcing the Act.

501.06 - Authority to Implement Section 702(e)(5) of the FD&C Act

Background - Section 702(e) of the FD & C Act [21 U.S.C. 372 (e)] contains certain authorities relating to counterfeit drugs including the authority to seize ("confiscate") counterfeit drugs and containers, counterfeiting equipment, and all other items used or designed for use in making counterfeit drugs prior to the initiation of libel proceedings. This authority has been delegated, with certain restrictions, to holders of official credentials consistent with their authority to conduct enforcement activities. Additional authority in 702(e) to make arrests, to execute and serve arrest warrants, to carry firearms, or to execute seizure by process under Section 304 of the FD&C Act [21 U.S.C. 334] have not been delegated.

The agency does intend to utilize the authority contained in Section 702(e) to execute and serve search warrants, but such use does not require delegation from the ACRA.

Section 702(e)(5) contains authority for such delegated persons to confiscate all items which are, or which the investigator has reasonable grounds to believe are, subject

to seizure under Section 304(a)(2). Items subject to seizure, and thus to confiscation under Section 702(e)(5), includes most things associated with counterfeit drugs. Confiscation authority does not, however, extend to vehicles, records, or items (i.e., the profits) obtained as a result of counterfeiting.

Scope - Under this delegation, with supervisory concurrence and prior to the initiation of libel proceedings, investigators and inspectors are authorized to confiscate: (1) any counterfeit drug, (2) any container used to hold a counterfeit drug, (3) any raw material used in making a counterfeit drug, (4) any labeling used for counterfeit drug, (5) any equipment used to make a counterfeit drug including punches, dies, plates, stones, tableting machines, etc., (6) any other thing which you have reasonable grounds to believe is designed or used in making a counterfeit drug.

NOTE: You and your supervisor must be constantly aware of the potential dangers involved in confiscating property from individuals. Special care should be taken to ensure your safety. Arranging for teams of investigators to conduct the investigation, or arranging for assistance by local police, or other agencies with police powers, should be considered in planning the confiscation of counterfeit materials.

Inspectional Guidance - Guidance provided for implementing the authority to confiscate drug counterfeits is as follows:

1. The authority is not to be utilized unless there has been an agency determination the drug to be confiscated is a counterfeit and it is a drug which "without authorization, bears a trademark, *** or any likeness" of a legitimate product. The determination usually is based upon evidence supplied by the firm whose product is being counterfeited. A written agency determination will issue to the District Director from the Office of Enforcement, in conjunction with the Office of Regional Operations, and the Center for Drug Evaluation and Research.

2. When engaged in counterfeit investigations, you should proceed as follows upon encountering items to be confiscated.

(a) Evaluate safety needs and check the location to ensure it is safe to proceed. Do not attempt to remove an item by force. If it appears there will be resistance, contact the local police, or other agencies with police powers for backup, if not already done in advance.

(b) Inventory the items to be confiscated.

(c) Prepare a written receipt and offer it to the person in charge.

(d) Remove the items, if possible, from the premises (if they cannot be removed, secure them under seal).

(e) Place all items removed under lock at a secure location. In most cases, confiscated items will be stored at the district or resident post office until they are seized.

Follow up Guidance - After items are confiscated, certain actions must be taken to bring confiscated items under the control of the court. Proceed as follows:

1. After an item is confiscated, immediately notify your supervisor.

2. Supervisors must then notify the appropriate compliance units of the items confiscated.

3. Compliance units should initiate seizure proceedings against any items confiscated.

4. ORO/DFI should be advised of any action utilizing this authority.

Search Warrants - Section 702(e)(2) contains authority to execute and serve search warrants. Proceed as instructed by your district after a search warrant has been obtained.

501.07 - Products Imported Under the Provisions of Section 801(d)(3) of the FD & C Act

The FDA Export Reform and Enhancement Act of 1996 (PL 104-134 and 104-180) amended the FD&C Act by adding Section 801(d)(3) ("Import for Export") which permits the importation of unapproved drug and medical device components, food additives, color additives, and dietary supplements intended for further incorporation or processing into products destined for export from the United States. Section 801(d)(3) was subsequently amended by Section 322 of the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (Bioterrorism Act), Public Law 107-188, which specified certain requirements an importer has to satisfy in order to import a product under this Section.

These requirements include:

1. a statement confirming the intent to further process such article or incorporate such article into a product to be exported,
2. the identification of all entities in the chain of possession of the imported article,
3. a certificate of analysis "as necessary to identify the article" (unless the article is a device), and
4. executing a bond providing for liquidated damages in the event of default, in accordance with U.S. Customs. This bond remains in effect until the final product is exported and destroyed.

In addition, the initial owner or consignee must keep records showing the use of the imported articles, and must be able to provide upon request a report showing the disposition or export of the imported articles. An article imported under this section, and not incorporated or further processed, must be destroyed or exported by the owner or consignee. Failure to keep records or to make them available to FDA, making false statements in such records, failure to export or destroy imported articles not further incorporated into finished products, and introduction of the imported article or final product into domestic commerce are Prohibited Acts under Section 301(w).

Filers making entry under the Import for Export provisions must either identify entry submissions with the OASIS Affirmation of Compliance "IFE" (Import for Export), or supply FDA with written documentation stating the product is entered under the Import for Export provisions. A Certificate of Analysis (as necessary) and identification of all involved entities must be submitted in writing to the import district. The import district will forward all written documentation to the home district of the initial owner or consignee for incorporation into the appropriate Establishment File.

Before conducting an Establishment Inspection, contact your district's designated individual with access to OASIS/EEPS Reports to obtain a printout of any import entries made by the establishment under the Import for Export provisions through OASIS. In addition, check the district factory file for copies of any Import for Export documents forwarded from the district where entry was filed. During the inspection examine the firm's records to determine the disposition of any items identified at time of entry as intended for incorporation into products for export. Document any instances in which such products were introduced into domestic commerce or cannot be accounted for (see IOM 602).

502 - INSPECTIONAL APPROACH

An establishment inspection is a careful, critical, official examination of a facility to determine its compliance with laws administered by FDA. Inspections may be used to obtain evidence to support legal action when violations are found, or they may be directed to obtaining specific information on new technologies, good commercial practices, or data for establishing food standards or other regulations.

The kind and type of inspection you conduct will normally be defined by the program, assignment, or your supervisor; according to the following definitions:

Comprehensive Inspection - directs coverage to everything in the firm subject to FDA jurisdiction to determine the firm's compliance status; or

Directed Inspection - directs coverage to specific areas to the depth described in the program, assignment, or as instructed by your supervisor.

See IOM Subchapter 140 for information on safety, use of protective gear, dealing with potential hazards and other safety issues.

502.01 - Depth of Inspection

The degree and depth of attention given various operations in a firm depends upon information desired, or upon the violations suspected or likely to be encountered. In determining the amount of attention to be given in specific cases, consider:

1. The current Compliance Program,
2. Nature of the assignment,
3. General knowledge of the industry and its problems,
4. Firm history, and
5. Conditions found as the inspection progresses.

502.02 - Signing Non-FDA Documents

Occasionally a firm will request you sign various documents including:

1. A waiver which will exempt the firm from any responsibility or liability should an accident occur and you are injured on the firm's premises,
2. Form letters concerning access to confidential information the firm does not want released,
3. Information/data you request during the inspection be put into writing, etc.

If you receive such a request, inform the firm you are not authorized to sign such documents, letters, requests, waivers, etc., but will report the firm's request in your EIR. The use of common sense is expected with this procedure. All FDA employees are authorized to sign-in and sign-out at a firm and to comply with security measures employed by the firm, including documenting the removal/replacement of seals to inspect vehicles and containers. See IOM 424 & 453.06. Obviously, the key issue is you are not authorized to waive, without supervisory approval, any of FDA's rights to inspect, sample, photograph, copy, etc. or to sign any interstate shipping record document which could infer the firm could not be prosecuted under the Act.

502.03 - Technical Assistance

If you determine specialized technical assistance is necessary in conducting inspections of new technologies, products or manufacturing procedures, it may be available through Regional or National experts, other ORA components or Center scientists and engineers. If specialized skills are necessary and are not available locally or through your Region, contact the Division of Field Investigations (DFI), (HFC-130) at (301) 827-5653. See FMD 142 and IOM 271.02 for additional information.

502.04 - Team Inspections

The use of teams to conduct inspections may be beneficial. Very often individuals well versed in an analytical or inspectional technique or technology can provide assistance and advice.

When inspection teams are involved in an inspection, one investigator will be designated as the team leader by the inspecting district or by the Division of Field Investigations (DFI/HFC-130) if a headquarters directed special inspection is involved. The team leader is in charge of the inspection and bears the overall responsibility for the inspection and the EIR. A team may consist of multiple investigators, laboratory personnel and other FDA employees, and your supervisor/coach, who may participate as part of the ORA Quality Assurance program.

Each team member is responsible for preparing those portions of the report pertaining to his/her activities. Team members shall identify their portion of the report so they can later identify that portion as the part he/she performed and reported. Since reports should be written in the first person, one system might be to head each portion with a statement "The following operation(s) was/were observed and reported by Investigator _____", who can then report in the first person.

All team members must sign the original EIR. Ideally, all team members should sign the FDA 483, if one is issued. However, issuance of the FDA 483 should not be delayed, in the absence of a team member's signature. See IOM 512 for instructions for signing a multi-page FDA 483.

The Team Leader shall be responsible for:

1. Issuing unused diary notebooks for taking notes during the EI or investigation to headquarters personnel on the team. He/she is also responsible for instructions on

their use, if necessary, and when the report is finished, for obtaining the headquarters individual's signature on the original EIR and completed and properly identified diaries and submitting them to the supervisor for filing. See IOM 193.

2. Directing the overall inspection to accomplish the objectives of the assignment including;

- (a) planning the inspection,
- (b) scheduling and coordinating team members' pre-inspection preparations,
- (c) determining, to the extent possible, the firm will be open and operating,
- (d) planning for needs of visiting scientists if applicable. When the team leader is not familiar with all the processes or technology involved in the inspection, provide for primary coverage of selected areas by other team members,
- (e) determining an orderly, efficient, and effective approach and sequence to be used and discussing the inspection plan with the team,
- (f) modifying the inspection plan as necessary during the EI, to permit following leads, documenting evidence, etc.,
- (g) setting team policy on how communications with the firm are to be handled,
- (h) discussing personal conduct in dealing with headquarters personnel as necessary,
- (i) assuring an early understanding by team members of their roles in note taking and reporting,
- (j) assuring communications are open among team members, especially if the team is allowed to separate and work independently,
- (k) reviewing inspection progress at least daily, discussing remaining objectives with the team members, and setting objectives for the following day,
- (l) continually assessing the progress of the inspection to evaluate how the inspectional approach is working and to keep the district supervisor advised of the inspection's progress,
- (m) providing guidance and direction to team members as necessary,
- (n) advising each team member of reporting responsibilities and dates when drafts are to be provided,
- (o) following up promptly on any delays or failures to report as required, and
- (p) assisting the supervisor with further follow up, as indicated.

3. Making sure any person who joins the team after the inspection has started presents credentials and issues a Notice of Inspection, FDA 482, to the firm prior to actually taking part in the EI;

4. Completing and/or correcting the computer generated coversheet;

5. Preparing the Summary of Findings;

6. Completing all headings of an administrative nature in the narrative report;

7. Compiling and submitting the complete final report; and

8. Resolving any disputes or differences of opinion among the team members, including items, which may be listed on the FDA 483.

503 - INSPECTION OF FOREIGN FIRMS

Inspectional requirements apply to all inspections, including foreign inspections. However, there are some exceptions. For instance the FDA 482 is not required, unless the firm is a US Military facility. Be guided by relevant Compliance Programs and the Guide to International Inspections and Travel Manual for other differences. See IOM 111.02.

504 - INSPECTIONAL PRECAUTIONS

Our concern over microbiological contamination emphasizes the need for you to be alert to criticism or allegations that you may have contributed to or caused contamination at a firm. This is especially important in drug firms and high-risk food firms, among others. You must adhere to good sanitation practices to refute any such criticisms. You could also unknowingly introduce or spread disease during inspections of or visits to animal production or sale facilities, conducting environmental investigations at poultry layer facilities, conducting dairy farm inspections or audits of state activities, investigating tissue residue reports or working in the veterinary bioresearch area. See IOM 519 for information outlining precautions for you to follow.

Exercise caution in all activities in the firm. Follow the firm's sanitation program for employees and wash and sanitize hands, shoes, vehicles and equipment as indicated. Restrict unnecessary movement between various areas in plants and when possible, complete your activities in one area before moving to the next.

When inspecting areas where sterility is maintained or sterile rooms are located (especially in pharmaceutical or device firms), follow the sterile program required of the firm's employees. In general it is unnecessary to enter sterile rooms except in the most extraordinary circumstances. These areas are usually constructed to provide visual monitoring. Take no unsterile items with you (notebook, pencils, etc.). In this type of situation you can enter your observations in your diary immediately after leaving the sterile area.

Always use aseptic techniques, including hand sanitizing, when collecting in-line and raw material samples, as well as finished product samples for microbiological examination. See IOM 426.

Do not use or consume a firm's products at any of a firm's facilities. This could be interpreted as accepting a product as being satisfactory and could possibly embarrass you and the Agency, both during the inspection and in the future. In general, consuming food products in a manufacturing area is considered an objectionable practice.

When conducting inspections of firm's using chemicals, pesticides, etc., ask to review the Material Safety Data Sheets (MSDS) for the products involved to determine what, if any, safety precautions you must take. This could include the use of respirators or other safety equipment.

504.01 - Clothing

Wear clean coveralls or other protective clothing for each inspection and if circumstances dictate, use a clean pair when returning from lunch, or upon entering certain machinery or critical areas.

Remove and secure all jewelry, pens, pencils, notebook, etc., so they cannot fall into the product or machinery. Do not depend on clips on pens, etc., to hold these items in your outer pockets.

Clean protective clothing should be either individually wrapped or placed in clean plastic bags and taped to protect from contamination. If the package has been sterilized, protect the package from possible contamination or puncture. The package should not be opened until you are ready to use the clothing. After use, clothing should be turned inside out as it is removed, and immediately placed in clean paper or plastic bags to prevent spread of contamination until washed and/or sterilized.

Use disposable hair and head coverings throughout the inspection and disposable hand and foot coverings in areas where floor tracking or cross contamination may be a factor. Use hard hats and other protective devices where the situation dictates.

If reusable protective boots are used, wash and sanitize before each use. Always use sterile disposable boot covers when entering machinery such as dryers or where unavoidable contact with product is a factor.

When discarding contaminated disposable head and boot coverings, it is suggested they be placed with used clothing for proper disposal after leaving the plant area.

See IOM 519.01 for protective clothing and equipment necessary when visiting livestock or poultry producing areas.

504.02 - PHS Recommendations - Basic Sanitary Practices

FDA personnel are not required by law to have health certificates, take physical exams or submit to requirements, which ensures their compliance with sanitary procedures in the performance of their official duties. However, it is critical you adhere to basic sanitation practices. See IOM 169.06.

The U.S. Public Health Service has designed a model sanitation code for use by state and local governments at their option. This code, "United States Public Health Service Food Service Sanitation Ordinance and Code", is contained in DHEW Publication No. (FDA) 78-2081 - "Food Service Sanitation Manual; - 1976". Your district has copies of the manual for use if necessary.

504.03 - Representatives Invited by the Firm to View the Inspection

While conducting an inspection, you may find the firm's management has invited individuals who are not directly employed by the firm to view the inspectional process (e.g., representatives from the press, trade associations, con-

sumer groups, congressional staff, other company officials).

Regardless of whom the firm invites to observe the progress of an inspection, the presence of outside representatives should not disrupt the inspectional process. You should continue to conduct the inspection in a reasonable fashion. The presence of these individuals should have no impact on the manner in which the inspection progresses except you should take precautions to preserve the confidentiality of any information you may have obtained as a result of the Agency's statutory authority. This is especially true when the inspection is recorded via videotaping, other photography, and/or audio recordings. Where applicable, refer to IOM 524 for procedures on how to prepare your own recording in parallel with the firm's recording.

It is the Agency's position that while the investigator must protect privileged information provided to him/her during the inspection, it is the firm's responsibility to protect privileged/confidential information observed or recorded by those individuals invited by the firm.

SUBCHAPTER 505 - GENERAL PROCEDURES & TECHNIQUES

The procedures and techniques applicable to specific inspections and investigations for foods, drugs, devices, cosmetics, radiological health, or other FDA operations are found in part in the IOM (inspectional and investigational policy/procedure), various Guides to Inspections of... (a "how to" guidance series), and the Compliance Program Guidance Manual (program specific instructions). Some procedures and techniques which may be applicable to overlapping areas or operations are as follows:

505.01 - Candling

Candling is defined as: "to examine by holding between the eye and a light, especially to test eggs in this way for staleness, blood clots, fertility and growth." Like most techniques learned through the food inspection programs, there are uses for this technique in other program areas such as looking for mold in bottled liquids which could be drugs, devices or biologics. Candling can also be useful in the examination of original documents to see below white-out or to look for over-writing.

Many types of products lend themselves to inspection by some type of candling. For these products, firms generally have candling equipment which may be built into the production lines or may be a separate operation.

Where checking products by candling, it may be possible to utilize the firm's candling equipment. Various other light sources for candling are also available including overhead projectors. Exercise care when using overhead projectors and protect the glass surface and the lens from scratches and damage. All candling is best accomplished when light outside the item being candled is masked so the light passes through the object rather than being diffused around it. A heavy paper or cardboard template can be quickly prepared at the time candling is done.

505.02 - Label Review

Do not undertake a critical review of labels unless instructed by the assignment, program, or your supervisor. Limit your comments to the mandatory label requirements required by the Acts. However, if after review of the formula, it is obvious an active ingredient or an otherwise mandatory ingredient statement does not appear on the label, such discrepancy may be called to management's attention. See also IOM 512.01 regarding labeling for blood and blood products.

If asked for other label comments, refer the firm to the appropriate Center to obtain a label review.

When the labeling is suspect or when you are requested to collect labels/labeling, collect three copies of all labels and accompanying literature for further review. For medical devices, if there is a question regarding the need for a new 510(k) or PMA supplement, it is essential the label and labeling be collected.

505.03 - Field Exams

A field examination is an on-site examination of a domestic product (or a foreign product in domestic channels of trade) sufficient in itself to determine if the product is in compliance with the Acts enforced by FDA.. A field exam can be conducted of any commodity in any location. If the examination does not reveal a violation or the appearance of a violation, a sample of the lot is usually not collected. If your exam reveals a violation or potential violation, you should collect an official sample. With the implementation of FACTS, your time spent conducting the field exam is reported even if you do collect a sample. Only the actual time spent in the collection of the sample would be reported as sample time.

Instructions on how to conduct a field exam are contained in "Guides To The Inspection of ****" and Compliance Programs. The Sample Schedules in Chapter 4 also provide guidance on lot examinations for special situations.

SUBCHAPTER 510 - INSPECTION PROCEDURES

510 - PRE-INSPECTIONAL ACTIVITIES

Prior to the start of any inspection or investigation, you should conduct a number of activities. These will differ based on whether this is an inspection or an investigation. You should a review of the establishment's factory jacket (if one exists), and registration and listing (if applicable) information. The purpose of this review is to determine the location of the establishment and obtain an overview of the establishment's operations and products as well as an understanding of their compliance history. You should also evaluate the establishment factory jacket to determine if there was any prior safety issues noted, e.g. documented Investigator safety incidents or the need for any specific personal protective equipment is needed prior to the start of the inspection. If there has been a past personal safety inci-

dent, you should discuss with your supervisor and develop a Situational Plan prior to the start of the inspection. See IOM 510.03 – Situational Plan. Determine if there are any import for export follow-up assignments and be prepared to cover them during your inspection. See IOM 602 for guidance.

Prior to initiating any inspection you should become familiar with the reporting requirements for the specific assignment, as well as the requirements of IOM Sub-Chapter 590.

If the inspection or investigation is a directed assignment from a Center, ORA headquarters or another district, read it and attached materials to assure you understand the assignment. If the inspection or investigation is being conducted in part or solely as a recall follow-up or complaint, refer to Chapter 8 (Recalls) or Chapter 9 (Investigations) of the IOM for additional guidance.

You should review the applicable FACTS assignment to determine if the Personal Safety Alert indicator is checked for this specific firm. The reason for the Personal Safety Alert should be listed in Endorsement and should be accompanied by a Memo to the Establishment File Jacket or documented in a prior EIR. See IOM 510.02 Personal Safety Alert.

You should also review the applicable Compliance Program Guidance Manual(s) prior to the start of your inspection or investigation. ORA's Division of Field Investigations (DFI) has written numerous Inspection Guides to assist you in conducting inspections of various types of establishments, products or processes. You should become familiar with the appropriate guides prior to the start of the inspection and utilize them as needed throughout the inspection. The Centers have issued numerous guidance documents for industry. These documents are normally posted to the appropriate Center's Internet and Intranet web sites. Detailed references are listed by program area in Chapter 10 of the IOM.

Sub-chapters 530-570 of the IOM contain additional, program specific pre-inspectional activities, which you should follow.

Imported products cross all program areas and our regulation of them does not stop at the border. Please be alert to imported products whenever you make an inspection. During inspections of domestic firms, if you encounter counterfeit imported products, returned imported products, rejected imported products or otherwise suspect an imported product should not have been allowed to enter the country, take some time to investigate the source of the imported products. Determine the port of entry and /or the importer if possible. Using the FEI number of the consignee, importer or manufacturer, import personnel can determine the importing pattern of a firm and alert the appropriate ports.

Pre-Announcements - Pre-announcements are mandatory for all medical device inspections in accordance with the criteria and instructions below and BIMO sponsor/monitor inspections. In all other program areas, pre-announcements may be made at the discretion of the district. If you are going to visit facilities where livestock (including poultry) or wild animals are housed or processed, review IOM 519.

In general, it may be inappropriate to pre-announce inspections of food establishments, blood banks, source plasma establishments and some BIMO inspections, but this too is subject to district discretion. If a district believes pre-announcing an inspection of an establishment will facilitate the inspection process then the procedures below for doing pre-announcements for medical device inspections should be followed. ORA's primary purpose for pre-announcing is to assure the appropriate records and personnel will be available during the inspection. It is not to make an appointment for the inspection. It should not be referred to as an appointment to inspect. When doing a pre-announcement, it is important you communicate to the establishment the purpose of the inspection and a general idea of the records you may wish to review. If you find neither the appropriate personnel nor records available, note this in your Establishment Inspection Report (EIR). The District may use this data in the future when considering whether this establishment should be eligible for pre-announced inspections.

The following is the general outline for pre-announcement of medical device inspections. You are advising the establishment's management of the date and time you will be arriving at the establishment to conduct the inspection. The establishment has no authority to negotiate this. If you, as the investigator, feel the need to accommodate the establishment's request, be sure there are sound reasons for doing so and report them in your inspection report.

A. Basic Premises

1. Pre-announcement of inspections is to be applied only to establishments that meet specific criteria. Pre-announcement may be considered for establishments that manufacture both drugs and devices or biologics and devices. The eligibility of an individual establishment for pre-announced inspection is at the discretion of the inspecting office using clearly described criteria. (See section B.). The district does not have the discretion to decide the types of medical device establishments eligible for pre-announcement, but may decide the specific establishments' eligibility because they meet the criteria.

2. The pre-announcement should generally be no less than 5 calendar days in advance of the inspection. Should a postponement be necessary, the decision as to rescheduling rests with the investigator/team, but the new inspection date should not be later than 5 calendar days from the original date. Inspections may be conducted sooner than 5 calendar days if requested by or acceptable to the establishment and if this date is acceptable to the investigator/team.

3. To participate in the pre-announcement portion of the program, establishments are expected to meet the commitment to have appropriate records and personnel available during the inspection.

4. Pre-announced inspections will not limit an investigator's authority to conduct the inspection. Inspections will be as thorough as necessary.

B. Criteria for Consideration

When deciding whether an establishment qualifies for a pre-announced inspection, you must consider whether both the type of inspection and the establishment's status meet the following specific criteria.

1. Type of Inspection: Only the following types of inspections are appropriate:

- a. Pre-market inspections (PMA, 510(k)),
- b. Foreign inspections,
- c. Quality System/Good Manufacturing Practice (QS/GMP) inspections:

*Biennial routine inspections,

* Initial inspections of new facilities or newly registered establishments, and

* Initial inspections under new management and/or ownership.

d. Recall follow-up inspections at manufacturer, initial importer, or U.S. designated agent.

Other types of inspections do not normally qualify. Inspection types where pre-announcement is not generally appropriate include: Government-Wide Quality Assurance (GWQAP) inspections with short deadlines; immediate and urgent responses to complaints, immediate and urgent follow-up to information from any source, and immediate hazard-to-health, recall follow-up inspections.

2. Eligibility Criteria: Establishment's eligible for pre-notification should meet the following requirements:

a. Non-violative QS/GMP inspection histories (inspections classified as no action indicated (NAI) or voluntary action indicated (VAI)). For VAI, adequate corrections of conditions observed and listed on FDA 483 during the previous inspection were verified and did not lead to any further agency action.

b. To remain eligible for pre-announced inspections, establishments must have a history of having individuals and/or documents identified in previous pre-announced inspections reasonably available at the time of the inspection.

C. Procedures

1. The investigator designated to conduct the inspection will contact the most responsible individual at the facility. You should leave a message requesting a return call if the most responsible person at the facility is unavailable at the time the call is made. The district should use good judgment as to what is a reasonable time frame to await the return call.

2. Changes in dates should be kept to a minimum. If a change is made, a new date should be provided as soon as possible, which will facilitate the inspection and accommodate the investigator's schedule. The establishment should provide a valid reason for requesting a change in the start date. A valid reason should be the same as you would accept if presented with the information during an unannounced inspection.

3. Inform the establishment as to the purpose, estimated duration, and the number of agency personnel expected to take part in the inspection. The products or processes to be covered should be described if this will facilitate and be consistent with the objectives of the inspection.

4. When known, specific records/personnel will be requested at the time the inspection is pre-announced.

5. The notification should be as specific as reasonably possible and specify the date for the start of the inspection.

Include in your EIR whether or not the inspection was pre-announced and include information on any difficulties experienced in notification or accessing records or personnel, which should have been available as a result of pre-announcing the inspection. For medical device establishment inspections, if not pre-announced, describe briefly in the EIR why not. If an establishment should become ineligible for pre-announcement, the endorsement of the EIR should include this statement. This information will be necessary for making a determination regarding future pre-announced inspections of the establishment. In addition, it is advisable to inform the establishment during the current and subsequent inspections of the action(s), which may have caused them to be ineligible for pre-announcement.

Sub-chapters 530-570 of the IOM contain additional, program specific pre-inspectional activities, which you should follow.

510.01 - Personal Safety

ORA considers the safety of Investigators, Inspectors and all those who meet with regulated industry to be of the utmost importance. Personal safety concerns are defined as those factors FDA employees should maintain awareness of which potentially affect their safety during an inspection, such a threatening situation; or where specific personal protective safety equipment is warranted; or where a particular inspection may be medically contraindicated for specific FDA personnel. When these conditions are noted during an inspection, the Investigator should discuss the situation with their Supervisor and ensure that the Personal Safety Alert is marked in FACTS and a Memo to the File is generated— see IOM 510.02 For information concerning personal protective equipment, see IOM Chapter 140

Physical resistance to FDA inspections and threats to, or assaults on, FDA employees engaged in their work are extremely rare. However, there will be times you are confronted by unfriendly or hostile persons. ORA has offered various conflict resolution training courses to assist and prepare you for how to diffuse a situation. In most instances, conducting your activities with tact, honesty, diplomacy, and persuasiveness will be enough to diffuse the situation. While at times, you may have to adopt a firm posture, you should not resort to threats, intimidation, or strong-arm tactics. Refer to IOM 514.01 for Hostile and Uncooperative Interviewees.

Safety is the responsibility of all FDA employees, including you, your supervisor and other Agency management. When you receive an assignment, it is important to evaluate the assignment not only in accordance with IOM Section 510, but also with respect to your personal safety. If you determine there is the possibility of a threat to your personal safety, consult with your supervisor. You and your supervisor should consider developing a Situational Plan in preparation for the inspection.

Below are some suggested items the District may consider when preparing for your next assignment to assess if there are potential personal safety issues. This list is not meant to be all inclusive.

1. Does the assignment involve working with other Federal Agencies such as U.S. Marshals, Federal Bureau of Investigations, US Customs in executing search warrants, seizures etc?

2. Does the assignment involve working with FDA's Office of Criminal Investigation?

3. Does the assignment involve working in an undercover operation?

4. Does the assignment involve a firm where there is a suspicion and/or knowledge of questionable or illegal activities?

5. Does the assignment involve a suspected tampering and/or a visit to an individual's residence?

6. What is the past history from a personal safety standpoint with the prior interactions with representatives of this firm? Have the FDA's State counterparts or other Federal and/or local agencies indicated a concern for personal safety? What does the firm's establishment file indicate about personal safety over the past inspections?

7. What is the location of the firm or the operation? Is it in an area which may be unsafe? Have the inspected firm or any of its employees been uncooperative with government officials?

8. Is the firm known to the Agency? Has the Agency any additional information which would assist in your evaluation?

If these questions and/or others result in a concern for your personal safety, then a Situational Plan should be developed and approved by District management before conducting the assignment. See IOM 510.03 – Situational Plan

Due to the unlimited variability of potential safety situations, it is not feasible to prescribe in the IOM what to do in every instance. The decision of what to do in each individual circumstance rests with the Investigator and their District management. Your district management is most familiar with the specific firm in question, the regulated industry, as well as other local Federal, State and Local officials who may be able to provide you additional information and assistance. In addition, the experience of your District management combined with the various training courses on conflict resolution may also be consulted. Districts should notify Division of Field Investigations to inform headquarters of any potential safety concern, so that DFI may track personal safety issues. DFI will also maintain a library of Situational Plans which may also be of use to your District. DFI may be contacted at (301) 827-5653 or at the following personal safety e-mail address: ORAHQDFICSOSAFETY@ORA.FDA.GOV

Physical Resistance/Threats/Assaults: If you receive physical resistance or threats, or if you sense the real possibility of an assault, disengage from the confrontation, get to safety, and call your supervisor immediately. Make careful and exact notes later of who said what to whom, who did what, and whether someone tried or succeeded in threatening, assaulting or taking information or equipment or samples from you. Be careful in any descriptions you give or write of such events, just as you are in recording other evidence that may result in a court case. Your safety is more important to the United States than the inspection or

the sample. FDA will work with law enforcement government officials, e.g. FDA's Office of Criminal Investigations' (OCI) Special Agents, local police, or United States Marshals to assist an inspection team if there is a reasonable fear of danger to the investigator.

If you are assaulted (either physically or put in fear by threats of physical violence), your supervisor can summon local police, United States Marshals, FBI or contact OCI headquarters for assistance (301-294-4030). While OCI does not normally provide physical security in these cases, they will assist in threat evaluation based on specific facts and available data bases. OCI can also make contacts with local police and federal agencies based on previous established liaisons. If you have been assaulted or threatened and you are unable to reach your supervisor or other District management, you should contact the local police in the area where the assault or threat occurred. Be careful in any descriptions you give or write of such events, just as you are in recording other evidence that may result in a court case. Make sure that any inspected facility where weapons are observed, or where threats or assaults occur, is identified on that facility's Endorsement page of the inspection report for that facility and to your supervisor, so that Investigators or Agents who follow you into that facility will be alert to those possibilities. Your supervisor would also be responsible for checking the Personal Safety Alert box in FACTS and for beginning the notification process to alert other Federal or State agencies that also inspect the facility of the possible danger. For more information See IOM 510.02 Personal Safety Alert. For specific safety guidance related to inspections and interviews, see IOM 514.01 Hostile and Uncooperative Interviewees.

In addition, in any instance where you have perceived a threat to your personal safety during an inspection, investigation or sample collection, you should exit the situation immediately and report it to your supervisor. You should then write a memorandum of the event in a factual manner including information pertaining to the who, what, when, where, and how of the event. Be careful in any descriptions you give or write of such events, just as you are in recording other evidence that may result in a court case. This memo will be filed in the official establishment file jacket and copies be sent to any and all resident posts and import offices who may interact with this firm. The memo will be filed on the opposite side of the folder from all other documents and will be a printed on eye-catching color paper in order for the document to be visible to the next Investigator. The memo should be retained and maintained within the District. A copy of the Memo documenting the personal safety situation should also be sent to Division of Field Investigations, HFC-130.

510.02 - Personal Safety Alert

Within the Maintain Firms Option in the FACTS system, there is Personal Safety Alert option that allows the Supervisor (FACTS Supervisor Role) to check the appropriate box to advise the FDA Investigator that there is a personal safety issue. Only the FACTS Supervisor Role will allow for updating the Maintain Firms screen. This person-

al safety alert may be selected when there is a potential hazard identified:

- Where specific personal protective equipment is needed (respirators etc)
- Where a previous threat/assault or physical resistance occurred
- Where there are specific medical considerations for a population of Investigators (e.g. the firm manufactures a drug hazardous to women of child-bearing years or those with allergies to peanuts, penicillin, or other products.)

In any example listed where there is a Personal Safety Alert, the specific safety alert should be documented both in the Endorsement and in a Memo to the File. The memo should be flagged “MEMO TO FILE — PERSONAL SAFETY ALERT” and should provide the factual information to support why the Investigator should be alerted to the safety issue. Be careful in any descriptions you give or write of such events, just as you are in recording other evidence that may result in a court case. The memo should be filed in the official establishment file jacket and copies be sent to any and all Resident Posts and Import Offices who may interact with the firm. The memo will be filed on the opposite side of the folder from all other documents and will be a printed on eye-catching color paper in order for the document to be visible to the next Investigator. The memo should be retained and maintained at the District Office. A copy of the Memo documenting the personal safety situation should also be sent to Division of Field Investigations, HFC-130. The Supervisor and/or other District management will be responsible for evaluating any corrective actions taken by the firm or individual to remove or stop the potentially dangerous situation or condition. If the situation remains potentially dangerous, the Personal Safety Alert should be maintained in FACTS. Follow-up inspections at the facility should continue to document whether or not the safety situation continues exists. If the situation has been resolved (new management, dismissal of an employee, cessation of penicillin in a facility), than the Personal Safety Alert should be removed from FACTS.

510.03 - Situational Plan

A situational plan is an investigative tool developed to assist in managing and preparing for a potentially dangerous situation. Districts should consider developing a Situational Plan when the conditions surrounding the specific inspection, investigation or sample collection indicate a plan is needed. The plan allows all those involved to carefully evaluate the specific inspection in order to prepare for a successful conclusion. Utilizing Situational Planning concepts prior to a potentially dangerous situation is supported by the Federal Law Enforcement Training Center and is part of the training programs of many other Federal Agencies. The plan should document what specific roles and responsibilities are needed to conduct the inspection/investigation or sample collection. The plan should also answer the questions: Who, What, Why, When and Where concerning the potential danger.

There are four principles to a Situational Plan. These are:

- **Threat Perception/Assessment:** This is the area where the issues are identified and assessed and will assist in the decision making process. It should be noted that the threat perception/assessment must be flexible. In other words, while the threat assessment may identify certain situations, if during the implementation of the plan, other things are identified, these must also be addressed.

- **Position of Advantage:** Once you have assessed the possible threats in your situation, your plan should include all of the tools that you possess to assist you in handling this situation successfully. For example, what training, experience and other tools do you have at your disposal to assist.

- **Response:** Once you have identified your position of advantage, the response portion of the plan will identify how you are going to execute the plan. This is where you fill in the specifics of what was listed in the position of advantage.

- **Evaluation:** This is completed after the plan has been implemented. Were your actions effective? Are other actions necessary? Is the situation under control? Is the inspection team safe? What are the next steps? This evaluation or debriefing should include all of the team members in order to fully evaluate the situation. There should be a debriefing with all involved, including District management to discuss how the plan worked and where the plan may need improvement in the future.

The situational plan should be developed by the Investigator, Supervisor, other CSO's who may be familiar with the facility, Compliance Officer, if needed, and any other individuals (District experts etc.) who may be able to assist in the depth, scope, and specifics of the firm in question. The decision of who should be involved in the development and approval of the plan is left to the Districts' discretion.

District management and all involved in writing the Situational Plan should meet when necessary in order to assure a well developed, and understood Situational Plan. You and your supervisor should maintain contact during the execution of the Situational Plan. The Supervisor should contact the employee during these personal safety situations at a predetermined frequency outlined in your plan. A debriefing session should be held following the execution of the Situational Plan. This debriefing session should be held with all those who were involved in the development and execution of the plan. Discussions should include what actions worked well and where there are areas of improvement.

For foreign inspections where a situational plan is warranted, DFI will assist the inspection team. The inspection team's management may also wish to participate so that there is a clear understanding of what actions will be taken for the foreign inspection.

A copy of completed and executed Situational Plans must be sent to DFI (HFC-130) in order for DFI to maintain a reference library of all situational plans.

See Exhibit 510-D of this section, an example of questions that an Investigator and/or Supervisor may wish to consider when establishing a situational plan.

511 - NOTICE OF INSPECTION

Upon arrival at the firm locate the owner, operator or agent in charge of the establishment. This should be the top Management Official on site. Be certain of this individual's status. Introduce yourself by name, title and organization. Show your credentials to this person and present a properly signed, completed, original of the FDA 482, Notice of Inspection, including the attachment page "Resources for FDA Regulated Businesses". This attachment provides information for the firm in the event it has disagreements or complaints. See IOM Exhibit 510-A1.

If additional Agency personnel accompany you during the inspection, they must show their credentials to the top Management Official upon arrival at the site. A new FDA 482, Notice of Inspection must be issued. Submit the carbon copy of the FDA 482(s) with your EIR. Explain the purpose of your visit. Readily accept any management offer to have a representative accompany you on the inspection.

For multiple occupancy inspections in drug establishments, refer to IOM 501.04. Inspections of multiple firms, which are separate legal entities, should be reported under separate EIRs.

If faced with a refusal, or partial refusal of inspection proceed as outlined in IOM 514.

Any time a FDA 482 is issued, also issue FDA 484, Receipt for Samples, if you collect any samples at the firm. See IOM 513. See IOM 401.01 & 401.02 for instructions for issuance of the FDA 482 in certain sampling situations.

See IOM 401.01 for issuance of a FDA 482 for sample collections only. The FDA 482 may be amended "To Collect Samples Only" as shown in IOM Exhibit 510-A2.

If you have concerns of when to or when not to issue the FDA 482, discuss with your supervisor.

511.01 - Multiple Date Inspections

If your inspection covers more than one day, advise management at the close of each day you have not finished the inspection and when you will return. Do this each day until you finish the inspection. A FDA 482 is not required for each day of an inspection or when different individuals are interviewed. If there will be an extended period of time (i.e., a week or longer) before you can return to the firm to complete the inspection, be sure management is aware of the delay and discuss with your supervisor whether or not you need to issue another FDA 482.

511.02 - Inspection of Vehicles

If vehicles are present which are owned or leased by the firm being inspected and it is necessary to inspect the vehicles, the inspection of these is covered by the FDA 482, Notice of Inspection, you issued to the firm.

If vehicles (trucks, trailers, RR cars, etc.) which are not owned or leased by the firm are present and inspection is necessary, a separate FDA 482, Notice of Inspection, is required:

1. Issue the FDA 482 to the driver of the vehicle.
2. If the driver is not present and if, after a diligent

search, he cannot be located, issue a separate FDA 482 jointly to the firm being inspected and to the firm whose name appears on the cab. Enter the license number of the vehicle on the FDA 482. Give the original FDA 482 to the firm and leave a copy in the cab of the vehicle.

3. If there is no cab present, prepare a separate FDA 482 modified to read "**** to inspect unattended vehicle ****" and issue it to the firm being inspected as the "agent in charge" of the vehicle. Enter the license number of the vehicle, trailer or RR car number, etc., on the FDA 482. Should the firm being inspected refuse to accept the Notice, leave it in a conspicuous place in the vehicle. Describe the circumstances in your EIR.

511.03 - Follow-Up Inspections by Court Order

At times you may be instructed to conduct inspections of firms by authority of an injunction or other court order. This situation provides separate and distinct inspectional authority involving both the authority of the court order and the authority of Section 704 of the FD&C Act [21 U.S.C. 374], each providing independent courses of action.

When assigned to conduct inspections under these situations, obtain a copy of the injunction or other court order bearing the filing stamp and all relevant signatures. Prior to starting the inspection study the order thoroughly for any special instructions of the court. Your supervisor will assist you in determining the depth of the inspection necessary to cover all of the court requirements.

Take a clearly legible copy of the court decree (not necessarily a certified copy) with you to the firm to be inspected.

Present your credentials in the same manner as for any other EI. Issue the FDA 482, Notice of Inspection, modified to read, "Notice of Inspection is hereby given under authority of injunction (provide here the injunction number and/or other identification) against the firm and pursuant to Section 704 ***". Show the person to whom the FDA 482 was issued a copy of the Order, and, read the following statement to that person.

"This inspection is being conducted under the authority of injunction (add the injunction number and/or other identification) (or other court order) granted by the United States District Court against this firm on (date). The inspection will cover all items specified in the decree. In addition to the inspection authority granted in the court decree, I am issuing you a Notice of Inspection under the authority of Section 704 of the Federal Food, Drug and Cosmetic Act which authorizes inspections of firms subject to that Act."

If, the firm refuses access to records, facilities, or information for which the decree provides inspectional authority, read the pertinent section(s) or portion of the order to the person refusing so there will be no misunderstanding as to the requirements of the decree. If the person still refuses, report the facts to your supervisor as soon as possible so the court can be promptly advised of the situation. See IOM 514 for information on handling refusals.

At the conclusion of the inspection and a FDA 483 is to be issued and you are using Turbo EIR, follow the Turbo instructions to get injunction specific cites on the FDA 483.

When you prepare your EIR, describe the sequence of events in detail including exactly what happened and how you handled the situation. This documentation will help support any charge of violating the court order and/or Section 704 of the FD&C Act [21 U.S.C. 374].

The court order may require a report to the court. Discuss this with your supervisor since the district will normally handle this part of the requirement.

511.04 - Conducting Regulatory Inspections When the Agency is Contemplating Taking, or is Taking, Criminal Action

You should not issue a Notice of Inspection if the agency is contemplating taking, or is taking, criminal action against a firm without first discussing the matter with your Supervisory Investigator. Federal Rules of Evidence may not permit using evidence in a criminal matter if it is knowingly obtained under administrative authorities such as Section 704 of the FD&C Act [21 U.S.C. 374]. It is the responsibility of the office generating the inspection assignment to inform the District if a criminal action is ongoing or contemplated. Once alerted, the Supervisory Investigator will then obtain advice from the Office of Chief Counsel and, once obtained, will assign the inspection to the Investigator(s).

Decisions to inspect under such circumstances should be based on considerations of whether or not the request is consistent with FDA's responsibility to assure articles are not produced or distributed in violation of the Federal Food, Drug, and Cosmetic Act or other Federal law within FDA's jurisdiction. It would be lawful to conduct an inspection to identify such violative products and to determine if corrective action was necessary to bring such products into compliance. However, it would be an abuse of the regulatory inspection authority for FDA to conduct a regulatory inspection under that authority for the sole purpose of gathering evidence of criminal violations. Such an abuse is unlawful, and could have significant consequences.

This is because, in general, the Fourth Amendment to the United States Constitution prohibits searches without a warrant. One exception to the warrant requirement includes the inspection of industries long subject to close supervision and inspection, which are conducted under a statute that dispenses with the need for a warrant. Because such inspections are not subject to advance scrutiny for probable cause, as would be an inspection conducted pursuant to a criminal warrant, the Supreme Court has warned government entities not to use administrative inspections to search for criminal violations in an effort to sidestep the Fourth Amendment. So long as the Agency conducts the administrative inspection in good faith for a valid, non-criminal purpose, evidence gathered in such inspections generally may be used in a criminal prosecution. However, the facts of each case are unique, and employees involved must carefully document the Agency's purpose in conducting the inspection.

Because the Agency's underlying purpose in conducting an inspection ultimately will determine whether the inspection was conducted in good faith to pursue a valid, non-

criminal purpose it is important to document the non-criminal purpose for an inspection undertaken under these circumstances. The need for and extent of such documentation is at a minimum when the non-criminal purpose of the inspection is evident and compelling, for example, when the purpose is to determine articles are being produced in conformity with the Food, Drug, and Cosmetic Act. The need to document the non-criminal purpose of the regulatory inspection increases as the likelihood of criminal prosecution increases. For example, there would be an increased need to document the regulatory purpose of an inspection if the matter has been referred to the Department of Justice for grand jury investigation.

There may be occasions when neither the office generating the inspection assignment nor the District conducting the inspection is aware the Office of Criminal Investigations is conducting a criminal investigation of a firm that is the subject of a regulatory inspection. The Office of Criminal Investigations may determine it is not in the interest of the agency to disclose to other components of FDA the existence of its investigation, as long as the Office of Criminal Investigations is not involved in the agency decision to conduct a regulatory inspection. However, the Office of Criminal Investigations and other components of FDA may also share information as set out below.

511.05 - When Evidence of a Criminal Violation is Discovered in the Course of a Regulatory Inspection

There may also be occasions where you are conducting a regulatory inspection at a facility, and, in the course of that inspection, you discover evidence of a criminal violation. If this occurs, you should continue the regulatory inspection as you would under normal circumstances. Document the observation and notify your supervisor. Evidence of the observation could be used in a criminal investigation, and the evidence could legally be disclosed to criminal investigators.

If you know criminal investigators are conducting a criminal investigation, your supervisor should notify the criminal investigators of any such observations. If you do not know of any ongoing criminal investigation, your supervisor should refer the information for review by the Office of Criminal Investigations. See the current Regulatory Procedures Manual (RPM). If the regulatory inspection is Center-directed (such as a bio-research monitoring inspection, a pre-approval inspection, or an inspection related to data integrity issues) your supervisor should immediately notify the Center involved of the referral to the Office of Criminal Investigations.

The discovery of evidence of a criminal violation may also be relevant to FDA's responsibility to assure articles are being produced in conformity with the Food, Drug, and Cosmetic Act. Additional inspections may be warranted. Such inspections should be planned and documented in accordance with the preceding section, "Conducting Regulatory Inspections When the Agency is Contemplating Taking, or is Taking, Criminal Action."

511.06 - Use of Evidence Gathered in the Course of a Criminal Investigation

The extent to which information gathered in the course of a criminal investigation may be shared with other components of FDA will vary with each case. Investigators should determine the extent of information sharing in accordance with the following guidelines.

Information and evidence gathered in the course of a criminal investigation may be shared with regulatory personnel, subject to two reservations:

1. Information obtained pursuant to grand jury subpoena or testimony may not be shared. Disclosure of such information to anyone other than individuals identified by the Department of Justice attorney involved could subject the individual making the improper disclosure to sanctions for contempt by the court. Only the court can authorize disclosure beyond these parameters. Information obtained by other means (search warrant, cooperative witnesses, surveillance, etc.) may be shared, subject to the following paragraph.

2. There may be a need to protect the confidentiality of the criminal investigation. For example, disclosure to regulatory investigators might prematurely disclose the existence of the criminal investigation or the identity of confidential informants. However, whenever you are calculating the need to protect the confidentiality of information gathered in the course of a criminal investigation through means other than the grand jury, you must consider whether it will be in the interest of public health to protect the confidentiality of that information.

Criminal investigators should consult their supervisors to determine whether disclosure should be made to regulatory investigators.

511.07 - Use of Evidence Voluntarily Provided to the Agency

Criminal and regulatory investigators may share information and evidence voluntarily provided to FDA, without use of the regulatory inspection authority, search warrant, or subpoena. If criminal investigators decide not to share such information because of a need to protect the confidentiality of the criminal investigation, they should consider the potential impact on the public health of protecting the confidentiality of that information.

511.08 - Concurrent Administrative, Civil, and Criminal Actions

It may be appropriate to seek administrative and/or civil remedies against a firm or individual under investigation for criminal violations. There are many issues involved in determining whether such actions may proceed concurrently, or whether certain actions should proceed first. Each situation must be evaluated on an individual basis. If administrative and/or civil remedies are under consideration against a firm or individual also under investigation for criminal violations, representatives from the Center responsible for evaluating the administrative and/or regulatory action

should meet with the Office of Criminal Investigations Headquarters staff to discuss issues related to the timing of administrative, civil, and criminal actions. The Office of Criminal Investigations and other components of FDA may share information subject to the reservations set out earlier.

511.09 - Working with a Grand Jury

Finally, if you are assigned to work with a grand jury, you should not participate in a regulatory inspection or other regulatory matter involving the same firm or individual(s). Such participation is contrary to long standing agency policy, might be unlawful, and could result in sanctions against the investigator and the agency. You should not participate in any regulatory matters that could result in improper disclosure of grand jury information, even after the grand jury investigation is closed. Grand jury proceedings remain secret even after they are concluded. Under no circumstances should you undertake such participation without first obtaining clearance from the Department of Justice attorney or the Office of Chief Counsel attorney assigned to the grand jury case. See IOM 705 for additional information on Grand Jury proceedings.

512 - REPORTS OF OBSERVATIONS

The FORM FDA 483 INSPECTIONAL OBSERVATIONS is intended for use in notifying the inspected establishment's top management in writing of significant objectionable conditions, relating to products and/or processes, which were observed during the inspection. The issuance of written inspectional observations is mandated by law and ORA policy. Only report significant observations on the FDA 483. Observations of lesser significance should be discussed with firm management and properly reported in the narrative report. As of 1997, ORA established a policy of adding "annotations" during medical device inspections to the FDA 483. See IOM 512.03.

Regardless of whether an establishment's FDA 483 is annotated, investigators and analysts should make every reasonable effort to discuss all observations with the management of the establishment as they are observed, or on a daily basis, to minimize surprises, errors, and misunderstandings when the FDA 483 is issued. This discussion will include those observations, which may be written on the FDA 483 and those that will only be discussed with management during the closeout meeting. Industry may use this opportunity to ask questions about the observations, request clarification, and inform the inspection team what corrections have been or will be made during the inspection process. Investigators are encouraged to verify the establishment's completed corrective actions as long as the verification does not unreasonably extend the duration of the inspection.

There may be instances where same day discussion of observations may not be possible due to the volume of documents collected and document review reveals observations on a different day than the documents were collected or in other circumstances. When these instances occur immediately prior to the conclusion of the inspection the

lack of a daily discussion of observations does not preclude listing of significant observations which were not previously discussed on the FDA 483.

With the roll-out of Turbo EIR, an automated FDA 483 and EIR reporting system, the traditional FDA 483 is created electronically. Turbo EIR must be used to generate the FDA 483 and write the EIR for any inspection where applicable cite modules exist. Turbo EIR must not be used to create a FDA 483 during an inspection of a firm involving multiple commodity areas and FDA 483 cites do not exist for ALL of the commodity areas for which observations need to be included on the FDA 483. You must be able to write the entire FDA 483 using Turbo EIR. You cannot use Turbo to write the EIR if a FDA 483 was issued to the firm and it was NOT generated using Turbo EIR. NOTE: Turbo EIR can be used to write the EIR for any inspection not involving issuance of a FDA 483.

It is not necessary to complete all headings of the FDA 483, when multiple page 483's are issued. Complete all headings on the first page and, on subsequent pages, only those necessary to identify the firm and dates inspected.

Report all significant objectionable conditions noted during the inspection by issuing a FDA 483, Inspectional Observations. See IOM Exhibit 510-B. Be alert for specific guidance in assignments or Compliance Programs which may supplement the following general instructions. FDA 483's should be issued at the conclusion of the inspection and prior to leaving the premises. However, in preparing some complex FDA 483's, it may be necessary to leave the premises and return at a later time to issue and discuss your inspectional observations. In this case, you should advise the firm's management your inspection has not been completed and you will return to issue the FDA 483 and discuss inspectional findings. There must not be unreasonable and unwarranted delays in issuing and discussing the FDA 483. During the inspection, you must not show the firm's management a draft, unsigned copy of the FDA 483 or an electronic copy of the FDA 483 on your computer screen. You must issue only a signed FDA 483 at the closeout discussion with management. It is appropriate for you to discuss potential objectionable conditions with the firm's management on a daily basis or as you observe them. Prepare the FDA 483 as follows:

District Office address and phone number - Legibly print the district address on copies in advance if desired. Include District Office commercial telephone number and area code.

Name and Title of individual to whom report is issued - Enter legal first name, middle initial and last name and full title of the person to whom the form is issued.

Firm name - Enter full, legal name of the firm, including any abbreviations, quotation marks, dashes, commas, etc.

Street address, city, state and Zip Code - Enter street address, city, state and Zip Code. (Not P.O. Box unless P.O. Box is part of the address such as on a Rural Route).

Date(s) of inspection - Enter actual or inclusive date(s) of inspection.

FEI Number - If the Firm Establishment Number is on the assignment, enter it here. If not readily available, leave blank.

Type of establishment inspected - Enter the types of the establishment, such as bakery, cannery, wholesale warehouse, drug repackager, salvage warehouse, etc.

Employee(s) signature and Employee(s) name & title - Each member of an inspection team should sign the FDA 483. However, absence of a team member at the conclusion of an inspection need not prevent issuance of the FDA 483. See IOM 502.04. If you use an electronically generated FDA 483, assure you have an exact copy of the original for the District files. An unsigned photocopy or printed copy is unacceptable.

Signature Policy - You will initial all pages of a multi-page FDA 483 next to the Date of Issue and you will sign the front and final pages. Ideally, the FDA 483 is signed by all members of an inspection team. If some members of the inspection team are not available when the FDA 483 is issued, you, as the lead investigator, must sign the FDA 483 as above, initial the remaining pages of a multi-page FDA 483, and fully explain in the EIR why the FDA 483 was not signed by all members of the inspection team. You should follow your district policy in determining the need for all members to initial each page of the FDA 483. The official FDA 483 is the printed, pen/ink signed, exact duplicate of the issued original. This is the copy maintained with the EIR (see IOM 512.05). There are only three possible exact duplicates of any issued FDA 483, which are to be maintained in the official file:

1. The original, signed FDA 483 issued to the firm,
2. The modified, signed FDA 483 if the original FDA 483 issued contains an error and/or is annotated, and
3. The signed FDA 483 addendum issued after departing the firm.

RETAIN FOR THE OFFICIAL FILE A SIGNED, ISSUED EXACT DUPLICATE OF ALL FDA 483s ISSUED DURING YOUR INSPECTION.

Date issued - Enter date the form is actually issued to the firm's management.

"During an inspection of your firm (I) (We) observed" - Enter your reportable observations succinctly and clearly. Conditions listed should be significant and must relate to an observed or potential problem with the facility, equipment, processes, controls, products, employee practices, or records. "Potential problems" must have a reasonable likelihood of occurring based upon observed conditions or events. Do not cite deviations from draft Agency policy statements or directly refer to Agency guidance documents in your written observations. You should contact your supervisor to discuss and resolve questionable observations prior to the issuance of the FDA 483. Good judgment is necessary when deciding whether conditions are objectionable in view of their relation to other conditions or controls at the given time and place. When there is continued uncertainty about the significance of one or more observations, these should not be listed. They should however be discussed with the firm's management and reported in the EIR.

If the firm maintains satisfactory controls as intended by the regulations, but does so by alternate means, it may be

possible no adverse condition will result. See 21 CFR 820.1(e) regarding petitions for exemption or variance from device GMP's.

To make the FDA 483 observations more concise, avoid unnecessary redundancy. Items of the same nature should be grouped together. Examples should be given if a condition with broad or general scope is described. Write the observations in clear and descriptive terms, including locations, dates of occurrence, frequency of occurrence, lot numbers, etc., as appropriate. When reviewing records, the FDA 483 observations should include the number of records of a given type examined, for example, "Two out of 50 records examined were * * *."

You should not identify other individuals or firms by name on the FDA 483 if the identifying information is not related to the establishment being inspected and/or if the information is not relevant to the specific observation. If the FDA 483 observation requires identification of an individual or firm to support the observation, then you should substitute other non-specific identifying information. Document your evidence in your EIR, fully explaining the relationship(s). For example:

- The lot number for a component received from a particular firm.
- The invoice number for a shipment to a particular firm.
- A patient #, record #.
- The study number for a particular CI site.
- Other necessary but non-specific identifying information to show the observation's relationship to a particular firm and/or individual.

Required FDA 483 Language:

The following statement must be included on each FDA 483:

"This document lists observations made by the FDA representative(s) during the inspection of your facility. They are inspectional observations, and do not represent a final Agency determination regarding your compliance. If you have an objection regarding an observation, or have implemented, or plan to implement, corrective action in response to an observation, you may discuss the objection or action with the FDA representative(s) during the inspection or submit this information to FDA at the address above. If you have any questions, please contact FDA at the phone number and address above."

Presently there are three ways to issue a FDA 483. Use the following guidance as it applies to the specific type of FDA 483 you are issuing.

1. Traditional hard copy FDA 483: This language is to be written or typed on the form until additional hardcopy forms are ordered. Note: it is only necessary to write or type this statement on the first page of a multi page FDA 483.
2. Electronic (non-turbo EIR) version of the FDA 483: Use the updated FDA 483 on the official forms web site to replace previous versions of the electronic version of the document in use.
3. Turbo EIR 483: Turbo: Turbo EIR Field Agent v.2.5 build 220 incorporates this language in the FDA 483.

Medical Device Quality System (QSIT) inspections require the following language be inserted on the FDA 483 in addition to the above statements:

"THE OBSERVATIONS NOTED IN THIS FORM FDA 483 ARE NOT AN EXHAUSTIVE LISTING OF OBJECTIONABLE CONDITIONS. UNDER THE LAW, YOUR FIRM IS RESPONSIBLE FOR CONDUCTING INTERNAL SELF-AUDITS TO IDENTIFY AND CORRECT ANY AND ALL VIOLATIONS OF THE QUALITY SYSTEM REQUIREMENTS."

Correction of FDA 483 Errors:

If you discover an error on the FDA 483 at the time of issuance, correct and initial all copies of the FDA 483. Note: if the FDA 483 was created in Turbo, all corrections/additions/deletions MUST be made in Turbo. This procedure does not pertain to adverse conditions noted and then corrected during the inspection. Observations of this type should remain on the FDA 483. If a discrepancy is discovered after you leave the firm, discuss it with your supervisor. If necessary, an additional FDA 483 will be prepared as an addendum to the original, limiting it to correction of those discrepancies. This FDA 483 addendum should be personally delivered to the firm for discussion. If personal delivery is impossible it should be transmitted by mail including a full explanation cover letter. A copy of the letter and FDA 483 addendum should be included with the EIR. In addition, you must call the person to whom the original FDA 483 was issued, to discuss the change. Document your discussion on the FDA copies of the FDA 483 and in the EIR. The Inspectional Observations (FDA 483) is of critical importance to both the Agency and regulated industry. Individual FDA 483s may become public through publishing in industry trade press, FOI inquiries, Headquarters postings and other means.

If an error(s) is found on a signed, issued Turbo FDA 483, you must follow these instructions. Changes made to correct information in the text of the observation will show on the face of the final printed FDA 483. Deletions will remain visible but will be crossed out and additions added, preferably in a different font. If an entire observation is removed, incidental text will be used to add the statement "An observation concerning *** was removed based on discussion with management."

512.01 - Reportable Observations

Review Sections 402, 501, 601, & 704 of the FD & C Act [21 U.S.C. 342, 351, 361, & 374]. Include specific factual observations of:

1. Foods, drugs, devices, or cosmetics consisting in whole or in part of filthy, putrid, or decomposed substances.
2. Undesirable conditions or practices, bearing on filth or decomposition, which may reasonably result in the food, drug, device, or cosmetic becoming contaminated with filth.
3. Insanitary conditions or practices which may reasonably render the food, drug, device, or cosmetic injurious to health.
4. Careless handling of rodenticides or pesticides.
5. Results of field tests (organoleptic examination of fish, crackout of nuts, etc.) if the results revealed adulteration.
6. Observations of faulty manufacturing, processing, packaging, or holding, of food, drug, or device products as

related to current good manufacturing practice regulations including inadequate or faulty record keeping.

7. Observations of faulty can closures and/or deviations from recommended processing times and temperatures.

8. Observations indicating non-conformity with commitments made in a New-Drug Application (or NADA) or in an antibiotic certification or certification exemption form.

9. Observations, forming the basis for product non-acceptance under the Government Wide Quality Assurance Program (GWQAP). See IOM 512.04.

10. Deviations from blood and blood products labeling requirements as specified in 21 CFR 606.121 and 21 CFR 640.

11. Deviations from the animal proteins prohibited in ruminant feeds requirements (21 CFR 589.2000), including labeling deviations.

12. Reserved.

13. Observations indicating drug misuse, failure to maintain proper drug use records, and/or poor animal husbandry practices during tissue residue investigations. See the applicable Compliance Program(s) for guidance.

14. Observations indicating non-conformity with the Medical Device Reporting requirements as specified in 21 CFR 803; the Medical Devices Reports of Corrections and Removals requirements as specified in 21 CFR 806; and the Medical Device Tracking requirements as specified in 21 CFR 821.

15. Observations indicating noncompliance with medical device pre-market notification requirements and pre-market approval requirement under FD&C Act sections 510(k) and 515 [21 U.S.C. 360 (k) and 360e] respectively, should only be made with the prior confirmation of CDRH and/or CBER.

16. 21 CFR PART 200.10 does allow reporting observations noted at a contract facility to the contracting facility. Before doing this, check with your supervisor to determine if this is appropriate.

17. Observations indicating non-compliance with LACF/Acidified food registration and failure to file scheduled processes. Before doing this, verify lack of such, as covered in CPGM 7303.803A.

512.02 - Non-Reportable Observations

Do not report opinions, conclusions, or characterize conditions as “violative.” The determination of whether any condition is violative is an agency decision made after considering all circumstances, facts and evidence. See IOM 516 involving discussions with management at which time opinions may be discussed.

Do not quote Regulations (e.g., specific CFR sections) when listing items.

Do not report observations pertaining to:

1. Label and labeling content, except per IOM 512.01, items 9, 10 & 11 above.

2. Promotional materials.

3. The classification of a cosmetic or device as a drug.

4. The classification of a drug as a new drug.

5. Non-conformance with the New Drug Regulations, 21 CFR 312.1 (New Drugs for Investigational Use in Human Beings: Exemptions from Section 505(a)) unless instructed by the particular program or assignment.

6. The lack of registration required by Section 510 of the FD&C Act.

7. Patient names, donor names, etc. If such identification is necessary, use initials, code numbers, record numbers, etc.

8. Corrective actions. Specific actions taken by the firm in response to observations noted on the FDA 483 or during the inspection are not listed on the FDA 483, but are reported in the EIR. Except as described in IOM 512.03.

512.03 - Annotation of the FDA 483

Annotation of the FDA 483 is required for all medical device inspections. It is left to the district's discretion whether they wish to annotate the FDA 483s in other program areas. Annotations of FDA 483s for inspections in other program areas may be done if both the establishment and the investigator/team believe annotation will facilitate the inspection process. When a FDA 483 is annotated it must be done in accordance with the guidance that follows.

When annotating the FDA 483, it is to be done at the time of issuance to acknowledge an establishment's promised or completed corrective action. The annotations are succinct comments about the status of the FDA 483 item. They are added by the Investigator at the time the FDA 483 is issued and are limited to 4 phrases: reported corrected, not verified; corrected and verified; promised to correct; and, under consideration. The establishment should review the annotations on this issued FDA 483 to ensure there are no misunderstandings about promised corrective actions. (BIMO inspections are generally excluded from annotations.)

When annotating the FDA 483, inform the establishment of the annotation program at some point prior to the final discussion with management. Determine from management whether they wish to have their FDA 483 observations annotated. It is voluntary on the part of the establishment. If the establishment does not want one or more observations annotated, you must honor the request.

The actual annotation of the FDA 483 must occur during the final discussion with management. It is not permissible to pre-print or pre-format the annotations onto the FDA 483 form. The annotations can be made after each observation, at the end of each page of the FDA 483 or at the bottom of the last page of the FDA 483 prior to the investigator's signature.

See IOM 512 for discussions of FDA 483 observations with management.

The following details the requirements and procedures for the annotations of the FDA 483:

1. During your discussion of the FDA 483 item, ask the establishment if they want the entire FDA 483 or portions annotated using the specific comments as listed in #2 below. If so, place the annotation on the FDA 483 based on the comment of the establishment and your knowledge. The establishment does not initial or sign the FDA 483 or annotations.

A reportable item will not be deleted from the FDA 483 because the establishment has promised or completed a corrective action. The investigator will continue to have the latitude to delete the observation if the establishment's response to the observation clearly shows the observation is in error or to clarify the observation based on additional information provided.

2. If the establishment has promised and/or completed a corrective action to an FDA 483 observation prior to the completion of the inspection, all copies of the FDA 483 should be annotated (either following each observation or at the end of the FDA 483) with one or more of the following comments, as appropriate:

- Reported corrected, not verified.
- Corrected and verified.
- Promised to correct.
- Under consideration.

The term "verified" means "to confirm; to establish the truth or accuracy". In this case, you must do the verification. In some situations, you will not be able to verify the corrective action unless there is further district or Center review or until there is another inspection of the establishment. The actual wording of these annotations may be slightly modified as long as the original meaning is not lost. The establishment's stated objections to any given observation or to the FDA 483, as a whole should not be annotated on the FDA 483.

3. If an observation made during a prior inspection has not been corrected or is a reoccurring observation, it is appropriate to note this on the FDA 483. Note: This is not an annotation, it would normally appear as a header to the observation or as part of the current observation itself.

4. All corrective actions taken by the establishment and verified by FDA should be discussed in detail in the Establishment Inspection Report (EIR) and reported using the Compliance Achievement Reporting Systems (CARS). Where the investigator and the establishment have "agreed to disagree" about the validity of an observation, you may annotate this observation with "Under consideration" or with no annotation based on the establishment's desire. If they would prefer no annotation, do not annotate it. The EIR should include the establishment's objections to the observation and the fact the establishment declined to have the observation annotated.

When an establishment has promised corrections and furnishes a date or timeframe (without a specific date) for completion, then you may add "by xxx date" or "within xxxx days or months" in the annotation. The establishment can, and should, follow-up their annotation to the FDA 483 with a written response. If they cannot meet a commitment made in the annotation, they can explain it in the written response. The establishment also has the option to not comment at the time the FDA 483 is presented and leave their commitments to their written response.

512.04 - Government Wide Quality Assurance Program (GWQAP)

When performing product acceptance examinations under the GWQAP, you must discuss all deficiencies with

management and report these deficiencies in writing on the FDA 483. This includes all deficiencies related to the FD&C Act as well as deficiencies in complying with contract requirements, which result in non-acceptance. There must be a clear differentiation on the FDA 483 between these two types of deficiencies.

Enter the FD&C type deficiencies (GMP deviations, etc.) first on the FDA 483. If there are deficiencies in contract provisions, draw a line across the sheet and add a heading "The Following Additional Contract Non-Conformances Were Observed." Enter each deficiency, which forms a basis for non-acceptance, followed by the reference to the applicable contract requirement or specification.

512.05 - Distribution of the FDA 483

Be sure all copies of the FDA 483 are legible and distribute as follows:

Original - Before leaving the premises at the end of the EI present the original to the individual who received the FDA 482, Notice of Inspection, if the person is present and qualifies as "most responsible." If the person is not available or is outranked by someone else, present it to the individual who meets the definition of owner, operator, or agent in charge.

Copies - Submit the two remaining exact copies with your EIR. One of these copies may be sent to the top management of the firm including foreign management, unless the individual to whom you gave the original is the top official of the firm. With Turbo, only the signed, and any modified/amended copy(ies) should be attached to the EIR package.

If the inspection covered vehicles as described in IOM 511.02, leave an exact copy of the list of observations with the firm being inspected. The original will be sent by your district to the firm owning or leasing the vehicle. You must make every effort to obtain the name and address of the vehicle owner. Usually the firm name is on the vehicle; however, it may require a trace of the vehicle license number. Discuss with your supervisor before taking this step. See IOM 432.02.

513 - RECEIPT - FACTORY SAMPLES

You must issue an FDA 484, Receipt for Samples, if you collect any physical sample during an inspection. At the end of the EI and prior to leaving the premises, issue the original FDA 484 to the same individual who received the FDA 482. (See IOM 412) If this person is not available, give it to someone else who meets the definition of owner, operator, or agent in charge. Submit an exact copy with the EIR. Do not comment on type of examination expected or promise a report of analysis.

513.01 - Items Requiring Receipt

Issue FDA 484 for any item of food, drug, device, or cosmetic actually removed from the establishment.

NOTE: A receipt must always be issued to anyone from whom you obtain Rx drugs. This includes individuals as

well as firms. See IOM 412.05 and IOM 439.08(23).

The following are examples of exhibit materials also requiring a Receipt for Samples:

1. Air filter pads,
2. Rodent pellets, and
3. Any other physical evidence actually removed from the plant.

513.02 - Items Not Requiring Receipt

Do not issue a FDA 484 for:

1. Items or materials examined during the inspection but not removed from the establishment (report adverse results of analysis of materials on FDA 483 as indicated in IOM 512.01),
2. Labels or promotional material, or
3. Photographs taken during the inspection.
4. Record(s): including production, quality control, shipping and interstate records.

Firm's management may request copies of documents or records you obtain from their firm. There is no objection to supplying them.

See IOM 527.05 for procedures when a firm requests a receipt for records copied during an inspection or investigation.

514 - INSPECTION REFUSAL

Refusal as used in your IOM means refusing to permit an inspection or prohibiting you from obtaining information to which FDA is entitled under the law. See IOM 410.03 for information regarding refusal to permit sampling.

In the case of a refusal you must show your conduct was reasonable, fair, and you exercised reasonable precaution to avoid refusal. You must have shown your credentials and given the responsible individual a properly prepared and signed Notice of Inspection, FDA 482.

Inspection refusals may take several forms:

1. Refusal of Entry - when you are faced with a refusal of entry, call the person's attention to the pertinent sections of the Acts (Sections 301(f) & 704 of the FD&C Act [21 U.S.C. 331 (f) & 374] and Section 351(c), 360A(a), (b) & (f); 360B(a); and 361(a) of the Public Health Service Act. Portions of these are listed on the front and back of the FDA 482. If entry is still refused, leave the completed FDA 482, leave the premises and telephone your supervisor immediately for instructions.

2. Refusal of Information - if management objects to the manner of the inspection or coverage of specific areas or processes, do not argue the matter but proceed with the inspection. However, if management refuses information to which FDA is entitled under law, call attention to Section 301(f) of the FD&C Act [21 U.S.C. 331] or applicable sections of the PHS Act. If management still refuses, proceed with the inspection until finished. It is not an inspection "refusal" when management refuses to provide formula information, lists of shipments, codes, etc., except where specifically required by the law. If the refusal is such you cannot conduct a satisfactory inspection, discuss with your supervisor if a Warrant for Inspection should be requested.

3. Refusal after Serving Warrant - If you have been refused entry, obtained a warrant, tried to serve or execute it and are refused entry under the warrant, inform the person, the warrant is a court order and such refusal may constitute contempt of court. If the warrant is not then immediately honored (entry and inspection permitted), leave the premises and promptly telephone the facts to your supervisor.

If you have served the warrant and during the inspection you encounter partial refusal or resistance in obtaining access to anything FDA is authorized to inspect by the warrant, inform the firm that aspect of the inspection is part of a court order and refusal may constitute contempt of court. If the warrant is not then immediately honored, leave the premises and promptly telephone the facts to your supervisor.

All refusals to permit inspection must be reported in your EIR under the "Refusals" heading.

514.01 - Hostile and Uncooperative Interviewees

More often than not, investigations or inspections are conducted in a reasonable atmosphere. Nonetheless, there will be times you are confronted by unfriendly or hostile persons.

Your activities must always be conducted with tact, honesty, diplomacy, and persuasiveness. Even though you must at times adopt a firm posture, do not resort to threats, intimidation, or strong-arm tactics.

Many times a hostile or uncooperative attitude on the part of individuals being interviewed results from fear, timidity, or previously distasteful encounters with law enforcement personnel. In most cases a calm, patient, understanding and persuasive attitude on your part will overcome the person's reluctance or hostility. Often the mere fact you patiently listen while individuals share their views will make them receptive to your quest.

Normally you have no way to predict the nature of the individuals you meet. However, there are often indicators, which can alert you, such as:

1. Establishment inspection reports, endorsements or memorandums may show situations where investigators encountered belligerent or hostile individuals. These reports may be FDA reports and/or State contract reports, if available.

2. Discussions and conversations with FDA, federal, state and local inspectors and investigators may reveal instances where uncooperative individuals and problem situations were encountered.

3. The nature of the assignment, program or information requested may indicate some degree of caution is needed.

4. A firm located in an area with a reputation for unfriendliness to law enforcement personnel should alert you some employees of the firm may be less than cooperative during the investigation.

If you find yourself in a situation which, in your judgment, indicates violence is imminent, stop the operation and make an exit as soon as possible. Immediately report the facts to your supervisor.

The FDA recognizes there are situations where it is

advisable to take precautions for your personal safety. In those, consult your supervisor. Some procedures, which may be utilized to minimize the danger, include:

1. Inspections or investigations carried out by a team of two or more persons.

2. Consider whether or not the use of an unmarked government car would be more beneficial to assist you in your inspection in lieu of a marked government car.

3. Request additional information from your State and/or Local Agencies who also regulate and inspect the facilities in question. In many instances, your State counterparts may have more information regarding the facility. This may be especially helpful for those firms that FDA has not yet inspected but were inspected by your State counterparts.

4. Each government car or inspection team should be assigned one FDA cell phone or alternate communication device. While we recognize that some Investigators carry a personal cell phone, FDA strongly suggests that your personal cell phone not be utilized to contact the firm or firm's management. In some instances, such uses in the past have resulted in later inappropriate contacts from the firm to the individual FDA Investigator.

5. Request assistance from local law enforcement agencies prior to or during investigations. This assistance may include information about the facility you are to inspect, assistance with communication devices, or police protection, if the police jurisdiction allows for such an action.

6. In potentially hazardous investigations such as methadone or schedule II Class Drugs, two investigators may be used and personnel from the U.S. Drug Enforcement Administration, State, or local law enforcement agencies may be requested to accompany you.

In instances when you are actually assaulted or threatened, you should immediately notify your supervisor. Your supervisor can summon local police, United States Marshals, or contact OCI headquarters for assistance (301 294-4030). OCI can make contacts with local police and federal agencies based on previous liaison. Also, the District should notify Division of Field Investigations, HFC-130 at (301) 827-5653 FAX (301) 443-3757 or via e-mail ORAHQDFICSOSAFETY@ORA.FDA.GOV.

If you are physically attacked, you have the same recourse as any other citizen as well as the benefit of federal laws protecting government officials while in the performance of their official duties. If you are physically attacked, you should get to safety, call your supervisor, report the incident and seek medical attention if needed. Remember that the medical attention you receive may be used as documentation for the Agency in support of any legal action taken against the firm or the individual.

It is a federal crime for anyone to kill, assault, resist, oppose, impede, intimidate, or interfere with, a federal official in the performance of their official duties.

In case of assault or threat against you, notify your supervisor immediately, so the facts can be submitted to the Federal Bureau of Investigations and the U.S. Attorney's office for immediate action.

The referenced sections in Title 18 of the U.S. Code are:

1. Title 18 U.S.C.A. Section 111, which provides: "111. Assaulting, resisting, or impeding certain officers or employees.

Whoever forcibly assaults, resists, opposes, impedes, intimidates, or interferes with any person designated in Section 1114 of this title while engaged in or on account of the performance of his official duties, shall be fined not more than \$5,000 or imprisoned not more than three years, or both.

Whoever, in the commission of any such acts uses a deadly or dangerous weapon, shall be fined not more than \$10,000 or imprisoned not more than ten years, or both. **** "

2. Title 18 U.S.C.A. Section 1114, which provides: "1114. Protection of officers and employees of the United States.

Whoever kills **** or any officer or employee of the Department of Health and Human Services or of the Department of Labor assigned to perform investigative, inspection, or law enforcement functions while engaged in the performance of his official duties, shall be punished as provided under sections 1111 and 1112 of this title. ****"

See Title 18 of the US Code Sections 111 and 1114 for the complete text. See also IOM 140.

515 - INSPECTION WARRANT

A refusal to permit inspection invokes a criminal provision of section 301(f) of the FD&C Act [21 U.S.C. 331(f)]. Depending on the individual situation, instances of refusal may be met by judicious use of inspection warrants.

Instructions for obtaining warrants are contained in the Regulatory Procedures Manual, Chapter 6-00. See your supervisor for information and instructions.

You are operating as an agent of the court when you serve an inspection warrant and it must be executed expeditiously once served. See IOM 514 for guidance on how to handle any refusal after obtaining a warrant.

In situations where a potential problem is anticipated with the service of a warrant, the District should consider sending a Supervisory Consumer Safety Officer or Compliance Officer and a U.S. Marshal with the Investigator to assist and supervise the serving of the warrant.

After obtaining an Inspection Warrant, return to the firm and:

1. Show your credentials to the owner, operator, or agent in charge,
2. Issue the person a written Notice of Inspection (FDA 482),
3. Show that individual the original signed Inspection Warrant,
4. Give him/her a copy (not the original) of the warrant.

The copy you provide need not be signed by the issuing judge, but the judge's name should be typed on the copy.

Follow the procedures of the court or U.S. Attorney involved, if their methods differ from the above.

When an inspection is made pursuant to a warrant, a Return showing the inspection was completed must be made to the Judge (or U.S. Commissioner or Magistrate) who issued the warrant. The Return, executed on the orig-

inal warrant, should be made promptly and usually no later than 10 days following its execution.

516 - DISCUSSIONS WITH MANAGEMENT

After completion of the inspection, meet with the highest ranking management official possible to discuss your findings and observations. The FDA 483 is not a substitute for such discussion since there may be additional questionable practices or areas not appropriate for listing on this form.

During the discussion be frank, courteous and responsive with management. Point out the observations listed on the FDA 483 are your observations of objectionable conditions found during the inspection, and explain the significance of each. Try to relate each listed condition to the applicable sections of the laws and regulations administered by the FDA. You should inform management during the closeout discussion the conditions listed may, after further review by the Agency, be considered to be violations of the Food, Drug and Cosmetic Act. Legal sanctions, including seizure, injunction, civil money penalties and prosecution, are available to FDA if establishments do not voluntarily correct serious conditions.

Do not be overbearing or arbitrary in your attitude or actions. Do not argue if management voices a different view of the FDA 483 observations, or of your opinions. Explain, in your judgment the conditions you observed MAY be determined by the FDA, after review of all the facts, to be violations. Make clear the prime purpose of the discussion is to call attention to objectionable practices or conditions, which should be corrected.

Obtain management's intentions regarding correcting objectionable conditions. They may propose corrections or procedural changes and ask you if this is satisfactory. If this involves areas where your knowledge, skill, and experience are such that you know it will be satisfactory, you can so advise management. Do not assume the role of an authoritative consultant. In areas where there is any doubt, you must explain to management you cannot endorse the proposed corrections. Advise the individuals FDA will supply comments if the establishment will submit its request and its proposed corrections or procedures in writing to the district office.

Concentrate on what needs to be done rather than how to do it. Do not recommend the product or services of a particular establishment. If asked to suggest a product or consulting laboratory, refer the inquirer to a classified directory or trade publications and or organizations.

Report in your EIR all significant conversations with management or management representatives. In most instances it is not necessary to quote management's response verbatim. Paraphrasing the replies is sufficient. However, if the situation is such that quoting the reply or replies is necessary, enclose them in quotation marks.

516.01 - Protection of Privileged Information

You have certain responsibilities under the FD&C Act, Section 301(j); Sections 359(d) & 306(e) of the Public Health Service Act; and Section 1905 of the Federal

Confidential Statute (18 U.S.C. 1905) regarding protection of confidential material obtained during your official duties. See IOM 130.

Do not volunteer information about other firms or their practices. Ignore casual exploratory questions or remarks from management about competitors or their processes. Your casual and seemingly innocuous remarks may reveal privileged information. Therefore, be alert and avoid voluntarily or unknowingly divulging information, which may be privileged or confidential and possibly compromise FDA's and your own integrity.

Management often request copies of any documents or records you obtain from their firm. There is no objection to your supplying these. When management requests copies of photos taken by you in a plant, follow IOM 523.03.

You may encounter situations when management invites outside individuals to observe the inspectional process (e.g., representatives from the press, trade associations, congressional staff, other company officials). As discussed in Section 504.03 of the IOM, the presence of representatives invited by the firm should not disrupt the inspectional process. You are to continue the inspection in a reasonable manner.

If the firm allows invited individuals to photograph, videotape, or prepare audio recordings during the inspection, you should make every effort to protect privileged information in your possession. However, it is the Agency's position that it is the firm's responsibility to protect confidential and/or proprietary information observed or recorded by those individuals invited by the firm. Where applicable, refer to IOM 524 for additional procedures on how to prepare your own recording in parallel with the firm's recording.

516.02 - Refusals of Requested Information

Should management refuse to provide any reasonable request for information, which is not specifically required by the law, determine the reasons for the denial and report the details in the EIR. Types of refusals of interest to FDA and refusal codes to be entered in FACTS are listed in the FDA Data Codes Manual. Refusal codes' data are used when reporting to Congress. See IOM 514.01 for instructions in dealing with hostile and/or uncooperative interviewees.

517 - CONSUMER COMPLAINTS

Prior to conducting any inspection, you should review the FACTS system and the factory jacket becoming familiar with all FDA Complaint/Injury forms. Be especially alert for ones marked "Follow-Up Next Inspection" and make sure you investigate these during your inspection.

During the inspection, discuss these complaints with management without revealing the complainant's name(s). Determine if the firm has had similar complaints on the same product. Determine what action the firm has taken to identify the root cause of the problem and to prevent a recurrence in the future. See IOM 593.03 for reporting instructions.

518 - INTERVIEWING CONFIDENTIAL INFORMANTS

When you are faced with a situation involving sources of information who want to remain anonymous, please contact your supervisor and follow the procedures here. **In addition, refer to IOM 510.01 regarding your personal safety.** If your management concurs with the decision to utilize a confidential source, it is particularly important you take the necessary steps to keep the identity of the source, and any information which could lead to the identity, confidential. For purposes of this subchapter, a confidential source is a person who provides information that may be of assistance to FDA without necessarily becoming a party to the actual FDA investigation. If you believe the information provided by the source could lead to a criminal investigation, please contact the Office of Criminal Investigations (OCI).

I. How to handle the first contact. When you interview a person who may become a confidential source use the following procedures.

A. Type of meeting. Try to schedule a personal interview with the person rather than a telephone interview. At a face-to-face interview you can assess the person's demeanor, body language, overall presentation, and truthfulness.

B. Meeting location. The place and time of the interview should be the choice of the person, unless there is a concern with personal safety. If the person's suggested location is unsuitable, the investigator should suggest the location. When you conduct the interview off FDA premises, notify your supervisor of your destination, purpose, and estimated time of return. When an off-site interview has been completed, check-in with your supervisor.

C. Interviewing methods/techniques. It is strongly recommended you have two investigators conduct interviews of a confidential source. The lead investigator conducts the interview, while the second investigator takes notes and acts as a witness to the interview. You should:

1. prepare carefully for the interview. The investigators should develop the questions they intend to ask the person during the interview, e.g., "establish motivation," and record and number the questions to be asked in their diaries prior to the interview. This preparation assists in documenting the interview process and reduces the amount of note taking needed during the interview. The investigators also should discuss their interviewing strategy, and determine the method by which they will consult with each other during the interview and (during extensive interviews) share the interviewing and note-taking responsibilities;

2. have the person tell the story chronologically, placing complex situations into logical order; and

3. if the person makes allegations, ask him or her how he or she knows the allegations are true.

- How were they in a position to know?

- Did they personally see, hear, or write about the information/incident?

- Can they provide proof of the allegations?

D. Establish motivation. At the end of the interview ask the person why he or she is divulging this information. This may reveal their motive(s):

1. Is the person a disgruntled current or former employ-

ee who harbors a grudge?

2. Is the person looking for some type of whistle-blower reward or notoriety?

3. Does the person just want to do the right thing?

4. Is the person involved in actual or prospective litigation about or related to the information?

E. Anonymity. If the person is requesting anonymity, inform him or her FDA:

1. will not divulge his or her identity, the occurrence of the interview, or the sensitive information provided to FDA if the information could lead to the identity of the person, unless FDA is required to disclose the information by law, e.g., the investigation leads to a hearing or trial and he or she is required to testify, and

2. will try to corroborate all information provided by the person, minimizing the chances he or she must later testify. However, testifying remains a possibility.

F. Ask the person for names of other persons who might be willing to speak with you about the allegations and corroborate their story.

II. Protect the identity of the source.

A. Collection of information. Obtain sufficient personal information necessary to enable you to contact the person for follow up if needed. However, to maintain the confidentiality of the person, do not include the person's identifier information such as gender, name, address, and phone number in the memorandum of interview. You should assign the confidential source a code name or number and use the identifier in memoranda and other communications relating to the confidential source (see item C.2. below).

B. Access. Know who is authorized by District procedure to access the information, and restrict access by others accordingly. Share the minimum amount of information necessary to meet the purpose of the disclosure.

C. Storage. Each District should establish procedures, in addition to those listed below, to properly store confidential information. The following list contains information related to storage procedures.

1. Use security measures necessary to protect the confidentiality of personal information, whether it is in hard copy or electronic form, on FDA premises, in an FDA home-based computer, or in any other form. Use whatever means necessary and appropriate to physically safeguard the information, such as storing in a safe, or locked file cabinets, or password-coded computers, etc.

2. When referring to the source in any manner (orally, in writing, electronically, etc.), consider using code to identify the source. For example, use a number rather than the individual's name, to identify the source. Personal privacy information should be safeguarded. Use discreet subject headers in the file labels as appropriate.

3. Remove personal information from a file only after you have noted in the file your name, date, etc. Promptly return that information to the file.

D. Disclosure. Do not disclose information from or about the source, unless the disclosure complies with the law and FDA's procedures. Do not share non-public information outside of the Freedom of Information (FOI) process, unless the sharing is done according to our regulations and procedures. Refer FOI requests to your FOI officer (see item (3)

below). See also IOM Subchapter 130. The following information relates to disclosures of information from or about a confidential source.

1. Make duplicates of the personal information only to the extent necessary for authorized disclosure (inside or outside of FDA). Do not leave the copy machine unattended.

2. Make only authorized disclosures of the information, regardless of the manner of disclosing (oral, written, etc.). Do not use mobile telephones or leave voice mails with the information. Avoid transmitting the non-public information by facsimile or e-mail.

3. If you receive a FOI request for information from or about a source consult with your supervisor immediately. Disclosure to a non-FDA government official of information from or about a source may be disclosed only if permitted by law and FDA procedures, and after consulting your supervisor and, if needed, OCI.

4. Immediately retrieve information from or about a source is inadvertently disclosed.

E. Destruction. Destroy personal information by shredding or similar means which physically destroys the record and/or, if the information is in electronic form, makes it unreadable.

Office of Chief Counsel. After a matter has been referred to the Office of Chief Counsel (OCC) for litigation or enforcement action, consult with OCC if you are interested in contacting the source.

519 - ROUTINE BIOSECURITY PROCEDURES -FOR VISITS TO FACILITIES HOUSING OR TRANSPORTING DOMESTIC OR WILD ANIMALS

This section is FDA's guidance when you visit any type of facility where any domestic or wild animals are housed or transported. If a firm has more restrictive controls, follow those in addition to the controls cited below as long as they do not interfere with your assignment needs. The controls and procedures are intended to prevent you from becoming a vector or carrier of animal diseases, to prevent the spread of animal disease, and to set a good example for stockmen, growers and industry servicemen. A number of chronic diseases, such as Johne's Disease, bovine virus diarrhea (BVD) and others exist in domestic animals which you can unknowingly spread. Any inspectional contact with herds of livestock (including poultry) or non-domesticated animals exposes you to potential claims of introducing or spreading disease. This could occur between sections of a single site, such as poultry houses, or between different sites or farms. The potential also exists for the introduction of disease from an animal processing plant, such as a slaughterhouse or renderer to a live animal facility. You can prevent this by following appropriate cleaning and disinfection steps between facilities. Generally, a break of 5 days or more between sites is sufficient to eliminate concern about transmission of infectious agents.

These precautions, biosecurity measures, are necessary in two types of situations. The first is when there is no known disease present and your actions are precautionary.

This section primarily addresses those kinds of activities. The other situation involves known or suspected disease outbreaks or more notorious disease conditions such as salmonella in eggs, infectious Laryngotracheitis, foot and mouth disease, vesicular stomatitis, and blackhead which can be highly contagious and spread from one group of animals to another by movement of people and objects between infected and non-infected groups. In these cases, special precautions must be taken to make sure you are not an unknowing vector for the spread of disease. See IOM 519.03.

If you will only be inspecting an office or house away from areas where animals are housed or kept, clean and suitable street attire may be sufficient. Be aware if you visit any area of a facility where animals have been, you should always sanitize, clean or change footwear and it may be necessary to change outerwear before visiting another animal site to prevent any possibility of transmission of disease.

Your vehicle may also transport infection if you drive through contaminated areas.

519.01 - Pre-Inspection Activities

When you know you are going to visit or inspect any animal production or holding facility, consider contacting the State Veterinarian and/or the Regional APHIS office to determine if there are any areas in the state under quarantine or special measures to control animal diseases. APHIS office locations can be found on their website. The State Veterinarian will be listed under Government Listings in your phone book and is listed at this website. Regional Milk Specialists frequently working with State counterparts in the Interstate Milk Shippers program should contact these sources at least quarterly for updates. Ask for any special controls or procedures they recommend. Follow any guidance they offer in addition to the precautions in this section. You should also consider pre-notification of the facility following guidance in IOM 510, Pre-Announcement, unless your assignment does not allow pre-notification. If you elect to pre-announce the inspection, in addition to the normal contact, ask to speak with the person at the facility responsible for their biosecurity measures and find out what they require of employees and visitors. If their requests do not interfere with your ability to do your job, follow their requests as we do when inspecting sterile manufacturing facilities.

Make sure your vehicle is clean and has been recently washed. Commercial car washes are adequate as long as you check to make sure any dirt, manure or other debris, which may be present from a previous site, has been removed. Some facilities may require additional disinfection of tires upon entry to the premises. Ensure tires and floor mats are clean. Consider designating places in your vehicle for storage of clean, unused supplies and dirty or used supplies.

In addition to your normal inspectional tools, obtain the following equipment and supplies from your district:

1. Laundered or disposable coveralls or smocks (coveralls are suggested because they give better coverage). If

you are going to visit multiple facilities in one day or trip, obtain sufficient quantities so you can change into clean or unused clothing between each site.

2. Disposable plastic gloves, rubber boots, which can be sanitized, and disposable shoe/boot covers. Rubber boots over which you place disposable shoe/boot covers are preferred.

3. Reusable cloth or plastic laundry bag(s) for clothing to be laundered. (Disposable bags can be used.)

4. Soap, water and disposable or freshly laundered individual hand (or paper) towels.

5. Sanitizing solution(s) and equipment (brushes, bucket, tray, measuring devices, etc.) to permit you to properly sanitizing hands, boots, equipment and your vehicle. Most disinfectants will require removing organic matter before use and good brushes are essential to remove dirt from boots and other objects.

Make sure any equipment you take with you has been thoroughly cleaned and sanitized as necessary. Clip boards, briefcases, flashlights, inspectional sampling tools, coolers, brushes, buckets and other objects should be cleaned between uses as necessary and between visits to any suspected infected facilities. Disposable equipment should be used to the fullest extent possible.

Maintain copies of any applicable Material Safety Data Sheets (MSDS) for disinfectants with you in your vehicle. If the firm's management requests information on the disinfectants you are using, they may read or copy these MSDS. Be familiar with the instructions and precautions concerning use of disinfectants. Any disinfectant should be effective against known or suspected microbiological agents.

In the event of a foreign animal disease, contact the USDA, APHIS Veterinary Services area Veterinarian in Charge for additional precautions and procedures to follow. (See 519.03)

519.02 - General Inspection Procedures

Always begin each day with a clean vehicle free from any visible dirt or debris. During the day, take precautions to minimize contamination of your vehicle. If your vehicle becomes obviously dirty with adhering mud or manure, clean it before visiting another animal facility. When you arrive at a facility where animals are located, check to see if there are designated parking spots or pads for visitors. If so, park your vehicle there unless directed otherwise by the firm. If there is no guidance, park well away from all areas housing animals. When you arrive, inquire about or reconfirm any biosecurity measures the firm employs. Confirm your actions are suitable and follow expectations of the facility when this does not interfere with your inspection ability. Follow steps requested by the firm to remove contamination from vehicles, which may include troughs or pools of disinfectants for tires or other control measures. Avoid driving through manure, mud or wastewater at these sites.

In general, entry to animal housing or feeding areas, corals, calf pens, hospital pens or special treatment facilities should be avoided unless the assignment requires their inspection or there are specific reasons requiring entry. If

you must visit the feeding area occupied by livestock or birds, first determine if any groups are infected with disease. Arrange to visit the known non-disease areas first. Do not handle any animals unless official duty requires such contact. Before leaving the area where you parked your car, put on protective clothing as described and proceed with the purpose of your visit; sanitizing hands (and gloves if worn) and boots as necessary during the visit or inspection.

• General procedures:

1. **Wear rubber boots or other suitable footwear, which you disinfect upon arriving at the site and prior to departure. It is preferable to also place disposable foot coverings over your footwear, regardless of the type, after you have disinfected them. If the firm has footbaths, use them. Boots and footwear should be disinfected with any of the agents identified at the end of this subsection using a good brush. Clean and disinfect the brush(es) and bucket you use for these activities.**

2. Wash your hands with soap and water. If you are visiting a facility where a known animal disease is present or the firm's biosecurity protocol requires, wear disposable gloves.

3. Wear disposable or freshly laundered coveralls, when appropriate. Some facilities may provide disposable coveralls and require visitors to shower in and shower out at their facilities. If requested by the firm and facilities are provided, you should follow those requests.

4. Wear appropriate head coverings, as necessary. If you wear a head covering, clean and disinfect between facilities or use disposable head coverings.

5. Minimize any materials you carry with you such as notebooks, flashlights, etc. to what is required. Consider keeping these things in clean plastic bags or containers between uses. Disinfect any of these types of items as best you can between visits to facilities or between different animal-housing areas.

6. If you are visiting production units with animals of multiple ages, always try to work from the youngest to the oldest.

7. Avoid direct contact with livestock or wild animals, bodily fluids or animal byproducts when visiting facilities.

8. Regional Milk Specialists, Milk Safety Branch and State Training Team staff frequently working with State counterparts in the Interstate Milk Shippers program shall follow any biosecurity measures the firm employs, any biosecurity measures the State employs, and as a minimum shall follow the coded memoranda issued by CFSAN Milk Safety Branch on this subject.

Upon completing your assignment in a given animal area, return to the same area where you donned protective clothing. Remove disposable shoe/boot covers and gloves, if applicable, and place them in a disposable paper or plastic laundry bag. Clean and sanitize boots/footwear. Remove the protective clothing, if applicable, by peeling it off inside out. (This keeps the surfaces exposed to contamination on the inside.) Place all disposable items in a disposable laundry bag for disposal back at your office. If the firm has special containers for disposing of such articles, it is preferable to leave them there rather than transport them back to the

office. Place reusable coveralls or other reusable protective clothing in a separate laundry bag for disposition at the office.

Follow guidance on biosecurity provided in the applicable Compliance Program or "Guide to the Inspection of ****" in addition to precautions in this Section.

Repeat these procedures for each separate location visited or inspected.

Purchase commercially available solutions for disinfecting objects or consult with your servicing laboratory. Commercial products such as Nolvosan, Efersan, One Stroke Environ or Virkon-S may be used as long as they are registered by EPA for the intended purpose. Lye or chlorine based cleaners and disinfectants may also be used.

The following formula for household bleach may be used. Mix 3/4 cup (6 oz) of liquid bleach (5.25%) in one gallon of water (128 oz). This solution will be approximately 1:20 dilution. Formulations of household bleach, which are more concentrated than 5.25% are commercially available. Dilute accordingly to these directions. A more concentrated 1:10 solution (1-oz bleach to 9-oz water) may be used with decreased contact time required. Dilutions should be prepared fresh daily and protected from light.

You should read the label and be familiar with directions and precautions, such as removing any organic matter from objects to be disinfected, for any disinfectant you use. In the absence of directions or for chlorine solutions you prepare:

1. Remove visible dirt from the object (boots, tools, tires, etc.).
2. Wipe, brush or scrub surfaces with the solution and keep wet for 2 minutes.
3. Allow to air dry or dry with previously sterilized toweling.

519.03 - Special Situation Precautions

If you are required to inspect or visit a facility known or suspected to be involved in a contagious animal disease outbreak or otherwise identified as having diseased animals, contact the Center for Veterinary Medicine and/or Center for Food Safety and Applied Nutrition for additional precautions which may be necessary before you visits these sites. Your activities may be limited to visiting a single site in a day, taking extra-ordinary decontamination steps, ensuring you do not visit or inspect another facility for 5 or more days following the visit to the contaminated site or other steps. APHIS may have special restrictions or precautions for you to follow. The State Veterinarian may also request you follow additional requirements. During inspections of poultry operations where salmonella contamination is known or suspected, you should make sure you contact CFSAN directly for specific procedures to follow. Additional decontamination steps will be required. Subchapter

SUBCHAPTER 520 - EVIDENCE DEVELOPMENT

520 - TECHNIQUES

The recognition, collection, and effective presentation of admissible evidence is essential to successful litigation.

Tangible evidence is required to support your observations and reports of violative conditions.

Although the inspectional procedures to detect adulteration and contamination, etc., are described under specific headings in the IOM, the same procedures and/or techniques may also apply to other areas. For instance, the procedures to detect contamination from filth, insects, rodents, birds, etc., described in IOM 530 may also apply to drugs or other products. Your experience and training assists you in making this transition and enables you to detect possible violative conditions.

Keep in mind the policy announced in the 4/23/1991 memorandum from the Director, Office of Compliance: The lack of a violative physical sample is not a bar to pursuing regulatory and/or administrative action providing the CGMP deficiencies have been well documented. Likewise, physical samples found to be in compliance are not a bar to pursuing action under CGMP charges.

521 - FACTORY SAMPLES

Samples of raw materials or finished products collected during inspections provide the necessary key to establish routes of contamination. They also document the character of products packed prior to the inspection. Collect Factory Samples for laboratory examination only when they contribute to confirming the suspected violation. Be selective since negative reports of analysis of food samples are required under Section 704(d) of the FD&C Act [21 U.S.C. 374 (d)] and might give management a false picture of the firm's operation.

When possible collect duplicate sub samples to provide for the 702(b) portion of the sample. See IOM 422.01 & 427.04f for additional guidance and 21 CFR 2.10 for exemptions regarding the collection of duplicate portions.

522 - EXHIBITS

Impressive exhibits are extremely effective and important forms of evidence to establish existence of violative conditions or products. They should relate to insanitary conditions contributing or likely to contribute, filth to the finished product, or to practices likely to render the product injurious or otherwise violative. Diagrams of the establishment, floor plans, flow charts, and schematics are useful in preparing a clear concise report and in later presentation of testimony. A small compass is useful in describing exact locations of objectionable conditions in the plant, in your diagrams, and locations from which samples were taken, etc. See IOM Exhibit 510-C.

Describe and submit under one INV Sample Number all exhibits (except photographs) collected during the inspection or investigation. Identify and number individual subs and officially seal all samples collected.

Examples of exhibits include:

1. Live and dead insects.
2. Insect frass, webbing, and insect chewed materials; nesting material of rodents and/or other animals; and other behavioral evidence of the presence of insects, rodents and other animals.

3. Samples of components or ingredients, in-process materials and finished products or dosage forms.

4. Manufacturing and control devices or aids.

5. Physical samples if possible and practical or, photographs with descriptions of scoops, stop-gap expediences, other unorthodox manufacturing equipment or makeshift procedures. If photos are taken, follow the procedures described in IOM 523.

6. Evidence showing the presence of prohibited pesticide residues. A method of swabbing for prohibited pesticide residues was published in Laboratory Information Bulletin # 1622. Excerpts are quoted as follows:

Apparatus - Four dram size glass vials, 95% ethanol, and cotton swabs preformed on 6" long wooden handles. Keep uncontaminated in a clean plastic bag.

Procedure - Blow away loose dirt or debris from approximately a 3" x 3" selected area. Measure approximately 2 cm of 95% ethanol in vial, dip swab into ethanol, press out excess on inside of vial and roll moist swab back and forth firmly across the selected area. Return swab to vial, swirl in alcohol, press out excess on inside of vial and again roll moist swab across the same area 90° to the previous swabbing. Re-insert swab into vial, break off swab handle and cap the vial with the swab inside.

When swab sub-samples are submitted, also submit a blank control sub consisting of an unused swab placed in a capped vial containing 2 cm of the same alcohol that was used for the other swabs.

Describe the type of material swabbed (cardboard carton, metal table top, rubber inspection belt, etc.) and the area covered. A reasonable area is approximately 10 sq. inches. Always try to establish a definite link in the chain of subsamples leading towards the highest level of contamination. If possible, identify the pesticide suspected. Be sure to include a floor plan with the areas sampled identified.

523 - PHOTOGRAPHS - PHOTOCOPIES

Photos taken during EI's are not classified as INV Samples. They are exhibits. No C/R is used for photos taken unless the photos are part of an Official Sample. See IOM 405 for information on Official Samples.

Since photographs are one of the most effective and useful forms of evidence, every one should be taken with a purpose. Photographs should be related to insanitary conditions contributing or likely to contribute filth to the finished product, or to practices likely to render it injurious or otherwise violative.

CAUTION: Evaluate the area where flash photography is contemplated. Do not use flash where there is a potentially explosive condition; e.g. very dusty areas or possible presence of explosive or flammable vapors. In these situations use extremely fast film and/or long exposure time instead of flash.

Examples of conditions or practices effectively documented by photographs include:

1. Evidence of rodents or insect infestation and faulty construction or maintenance, which contributes to these conditions.

2. Routes of, as well as, actual contamination of raw materials or finished products.

3. Condition of raw materials or finished products.

4. Employee practices contributing to contamination or to violative conditions.

5. Manufacturing processes.

6. Manufacturing and various control records showing errors, substitutions, penciled changes in procedure, faulty practices, deviations from GMP's, NDA's, or other protocols, altered or inadequate assays or other control procedures and any variation from stated procedure. See IOM 527.01 for identification of records.

7. Effluent contamination of water systems. See IOM 532 for techniques in photographing this type of contamination.

When photographing labels, make sure your picture will result in a legible label with printing large enough to be read by an unaided eye. Photograph whited out documents by holding a flashlight against the whited out side and taking a close up photo of the reverse using high-speed film. This will produce a photo with a mirror image of the whited out side.

If you use a Polaroid camera or color slide film, explain the facts in your EIR or on the C/R to alert reviewers that there are no negatives.

523.01 - In-Plant Photographs

Do not request permission from management to take photographs during an inspection. Take your camera into the firm and use it as necessary just as you use other inspectional equipment.

If management objects to taking photographs, explain that photos are an integral part of an inspection and present an accurate picture of plant conditions. Advise management the U. S. Courts have held that photographs may lawfully be taken as part of an inspection.

If management continues to refuse, provide them with the following references:

1. "Dow Chemical v. United States, 476 U.S. 227 (1986) This Supreme Court Decision dealt with aerial photographs by EPA, but the Court's language seems to address the right to take photographs by any regulatory agency. The decision reads in part, "*** When Congress invests an agency with enforcement and investigatory authority, it is not necessary to identify explicitly each and every technique that may be used in the course of executing the statutory mission. ***"

2. "United States of America v. Acri Wholesale Grocery Company, A Corporation, and JOSEPH D. ACRI and ANTHONY ACRI, Individuals", U.S. District Court for Southern District of Iowa. 409 F. Supp. 529. Decided February 24, 1976.

If management refuses, advise your supervisor so legal remedies may be sought to allow you to take photographs, if appropriate. If you have already taken some photos do not surrender film to management. Advise the firm it can obtain copies of the photos under the Freedom of Information Act. See IOM 523.03.

523.02 - Photo Identification and Submission

One of the most critical aspects about photographs or videotapes is the ability for the agency to provide testimony clearly verifying the authenticity of the conditions depicted in the photograph or video. It makes no difference if the photo is a 35 mm print from acetate negatives, a Polaroid photo, a digital photo or video taken with a video recorder. You must create a trail, starting with the taking of the photo, confirming its original accuracy and establishing a record describing the chain of custody. To do this, you must make sure each photograph is described in your diary or regulatory notes in sufficient detail to assure positive correlation of the photo or video with your inspection findings. One way you can do this is to photograph a card with your name, district address and phone number as the first frame or picture on a roll of film or in the digital record. This will help identify the film or file and assist in tracking if it is lost or becomes separated from its identification envelope during processing or storage. Proper procedures will also allow the agency to provide evidence confirming the authenticity of the photographs or video recording in the event you are not able to testify personally.

1. Prints - Identify each print on the margin with exhibit number, firm name (or DOC Sample Nos., if DOC Sample), date taken, and your initials. Do not place any identifying marks on the picture area of the print. (Some photo developing firms are supplying borderless prints. For this type print, place identification along the back bottom edge of the print and mount the print so the identification can be read without removing the print from the mounting paper. Place a narrative description on the mounting paper next to the print and attach as exhibits to the EIR and/or route with other records associated with a DOC Sample.)

2. Color Slide Identification - If color slides are used, identify each slide, in the same manner as for prints. Districts may have special mounting frames for color slides, so the narrative description of each slide must be in the body of the report with proper reference to exhibits, or, each description may be placed on sheets of paper following the mounting frames and properly referenced.

3. Negative Identification - Identify the edge of at least two negative strips, with the same information as for prints using a 3/16" strip of pressure sensitive tape. Place all negatives in a FDA-525 envelope. Complete blocks 2, 3, (4 if DOC Sample), 5, 7, and 12 and seal with an Official Seal, FDA-415a. If negatives are not part of a DOC Sample, enter firm name in the Sample Number block.

4. Digital Photographs or Video Recordings - The initial file or video record must be handled and protected just as if it is a photograph negative. Unused "floppy" disks, CD-Rs (Compact Disk, write once-read only) or videotapes should generally be used to capture the photograph or video and, for subsequent copies of the original file/recording. The initial file containing the digital picture or video must be write-protected, identified with a label with the firm name (or Sample number if it is being submitted as part of an official sample), date taken, and your initials. The original must be officially sealed in a FDA-525 envelope or similar envelope. If you use a larger, unfranked envelope, iden-

tify the envelope with your name, title, home district, date, firm name, firm address (include zip code), description of the contents of the envelope, and marked in large, bolded letters "STORE AWAY AND PROTECT FROM MAGNETIC FIELDS" or for CD-Rs "Protect from heat, scratches on recording layer surface, and excessive bending". You may place more than one disk in a single FDA-525 as long as you state on the envelope how many disks are in the envelope. The same procedure can be used if there is more than one CD-R or videotape. If this original envelope is opened, a chain of custody must be recorded and a new seal(s) used after each entry to the envelope. If the digital camera you use has a built-in or special disk for storing optical images, you can download the picture to a clean, unused disk/CD-R and treat this first copy as the original. Your diary or regulatory notes must contain an entry you performed this first copy and verified the copy by viewing the photo(s) was an accurate copy of the original picture you took. This "original copy" should be treated just as if it is the original. When you need to place the photo file into a document or otherwise copy it, or perform any manipulation of the file or recording, do this only using a copy of the original and not the original. When you sign the report, memorandum or other agency document, your signature certifies you are saying the content of the document, including any photographic images, is true and accurate to the best of your ability.

As applicable, submit the sealed FDA-525 or envelope as an exhibit to the EIR, with the Investigative Report as an attachment, or with the other associated records/documents with a DOC Sample.

523.021 - Preparing and Maintaining Digital Photographs as Regulatory Evidence

A digital photo's chain of custody (and authenticity) must be assured and protected with the following procedure:

1. Prior to using the digital camera, verify the date and time stamp is correct and there are no images stored on the memory media.

2. The camera and the storage media used must be handled in a manner to protect your evidence and maintain the trail of the "chain of custody" for the evidence you have collect. For example: The camera and storage media shall be in the investigator's personal possession at all times or held under lock/key in a secure storage area. Any additional storage media with images shall also remain in the investigator's personal possession until transferred to permanent storage media. Where necessary, document these facts in your diary or written report (EIR, CR etc).

3. As soon as practical, the investigator will create a master of the digital photos. Some cameras will capture images directly to a (Write-once Compact Disk Recordable (CD-R)), the CD-R from these cameras becomes the original CD-R. Identify, date and initial the CD-R as an original image record. If a CD-R/W was used, the images must be copied to a CD-R to create a master with files that can not be altered. Follow additional instructions for creating and finishing a CD-R in step 4 below.

4. If the camera requires downloading of images to a CD-R, download all the images from the digital camera to

an unused CD-R or other electronic storage media to create a master. The images should be transferred to a file format maintaining the image resolution at the time the image was captured. If possible, avoid the use of any file compression in transferring the images to the CD-R. Prior to preparing the CD-R or transferring image files you must verify that the computer you are using is set to the correct date and time. The CD-R shall be made permanent in a format readable by any CD-R reader.

5. Where applicable, document in your diary the verification and identification of each photographic image comparing them to your diary notes, which were recorded at the time the photographs were taken.

6. You should make only one copy from each original or master and make any additional copies using the first copy from the original or master. No more than one copy should be made from the original or master in order to preserve the original or master as a pristine set.

7. Prior to making the initial working copy from the original or master, the original or master should be identified as you would with photo negatives with the firm name, (or Sample Number), date and your initials. It is important to identify the original or master as soon as possible to prevent possible mix up of original or master with any copies. The CD-R should be identified on the non-recording side using a permanent felt marker. After making the initial working copy, the original or master should be placed in a suitable package, officially sealed and store the officially sealed CD-R or other electronic storage media until submitted with the written report (EIR, CR etc). If the images are captured or transferred to diskettes, refer to IOM 527.03 for the handling of diskettes. If possible, the investigator (who took the photos and will authenticate them at trial) should store the sealed CD-R or other electronic storage media until it is submitted with the written report. If you break the seal for any reason this must be documented on the broken seal and in your diary or written report and with the package subsequently resealed.

8. Working copies should be used to print photos, insertion into EIR, cropped, otherwise manipulated or to be included in a referral.

9. Steps taken for any unusual manipulation of photo images must be documented in a diary or written report (EIR, CR, etc). For example: Superimposing over a important area of the image, image enhancement, composite images, etc.

523.03 - Photograph Requests

Do not routinely advise firms they may have copies of photos. However, if management of the firm initiates the request, advise them it is possible to obtain copies of photographs taken in their plant under the Freedom of Information Act. Any request should be sent to The Food and Drug Administration, at the address listed on the FDA 482 or FDA 483. The firm must bear the cost of duplicating the photographs.

Since photographs are records in an investigative file, they are not available under the Freedom of Information Act until the file is closed.

Do not discourage firms from taking their own photographs at the same time and of the same scenes as you.

524 - RECORDINGS

Under normal circumstances recording devices will not be used while conducting inspections and investigations. However, some firms are now recording and/or video taping, the inspection and/or the discussion with management portion of the inspection. These firms should be advised we do not object to this procedure, but we will also record the discussion to assure the accuracy of our records. Occasionally a firm's management may record the serving of an inspection warrant or, in a hostile situation, may want to record everything. In such cases, depending on the circumstances, you may prepare your own recording in parallel with the firm's recording. Do not depend on the firm to provide a duplicate of their recordings.

Use a clear tape cassette and identify the tape verbally as follows:

"This is Investigator _____ of the U.S. Food and Drug Administration speaking in the (state location) of (firm name), (address), (city), (state), and (zip code). It is now a.m./p.m. on (date). Present are (list individuals present with title). This discussion is being recorded by both the representative of (firm name) and by me. We are going to discuss the inspectional findings of an inspection conducted at this firm on (inclusive dates)."

At the close of the discussion and prior to leaving the firm, the recording will be verbally identified as follows:

"This is Investigator _____ speaking. It is now _____ a.m./p.m. on (date). This was a recording of the discussion with management at the conclusion of an inspection of (firm name & address) conducted on (dates).

If the recording covers a different situation, the identification should be modified accordingly. If the representative of the firm refuses permission to record the discussion, continue with your discussion and report the facts in your EIR.

The tape cassette must be identified with the firm name, date of the inspection, and investigator's name. Districts have the option of transcribing the tape and making the transcription an exhibit for the EIR. However, the tape itself must be made a permanent part of the EIR as an exhibit.

525 - RESPONSIBLE INDIVIDUALS

The identification of those responsible for violations is a critical part of the inspection, and as important as determining and documenting the violations themselves. Responsibility must be determined to identify those persons to hold accountable for violations, and with whom the agency must deal to seek lasting corrections.

Document and fully report individual responsibility whenever;

1. It is required by the assignment,
2. Inspectional findings suggest the possibility of regulatory action, or
3. Background information suggests the possibility of regulatory action.

Under the Medical Device Quality System regulation (21

CFR 820.20), if the management at the firm is not exercising the controls required by the regulation, the deviations may be cited on your FDA 483.

525.01 - Discussion on Duty, Power, Responsibility

Duty - An obligation required by one's position; a moral or legal obligation.

Power - Possession of the right or ability to wield force or influence to produce an effect.

Responsibility - An individual who has the duty and power to act is a responsible person.

Three key points to consider are:

1. Who had the duty and power to detect the violation?
2. Who had the duty and power to prevent the violation?
3. Who had the duty and power to correct the violation?

525.02 - Inspection Techniques How to Document Responsibility

Always determine and report the full legal name and title of persons interviewed, who supplied relevant facts and the name/title/address of top management officials to whom FDA correspondence should be directed.

Obtain the correct name and correct title of all corporate officers or company officials. Obtain pertinent educational and experience backgrounds, and the duties and powers of the officers and employees in key managerial, production, control, and sanitation positions. Ascertain the experience and training of supervisory personnel, in terms that will describe their qualifications to carry out their responsibilities.

There are numerous ways to establish and document responsibility. Evidence may be obtained during interviews and record review specifically intended to determine responsibility. Cover and report items such as:

1. Organizational charts,
2. Statements by individuals admitting their responsibility or attributing responsibility to others,
3. Company publications, letters, memos and instructions to employees, and
4. The presence or absence of individuals in specific areas at specific, significant times, and their observed activities directing, approving, etc.

In order to establish relationships between violative conditions and responsible individuals, the following types of information, would be useful:

1. Who knew of conditions?
2. Who should have known of the conditions because of their specific or overall duties and positions?
3. Who had the duty and power to prevent or detect the conditions, or to see they were prevented or detected?
4. Who had the duty and power to correct the conditions, or to see they were corrected? What was done after person(s) learned of the conditions? Upon whose authority and instructions (be specific)?
5. What orders were issued (When, by whom, to whom, on whose authority and instructions)?
6. What follow-up was done to see if orders were car-

ried out (when; by whom; on whose authority and instructions)?

7. Who decided corrections were or were not complete and satisfactory?

8. What funding, new equipment, new procedures were requested, authorized or denied in relation to the conditions; who made the requests, authorizations, or denials.

Duties and power related to general operations should be established to supplement the specific relationships to violations. Examples of operational decisions that indicate responsibility are:

1. What processing equipment to buy.
2. What raw materials to purchase.
3. What products to produce and what procedures to follow in production?
4. Production schedules - how much to produce, what to make, when to stop or alter production?
5. What production controls to be used?
6. What standards are set for products, raw materials, processes?
7. How to correct or prevent adverse conditions; how much to spend and whom to hire to correct or prevent adverse conditions; when to clean up?
8. How products will be labeled; what products to ship; label approval?
9. When to reject raw materials or products; when to initiate a recall; acceptable quality levels for products?
10. When to hire or fire personnel?
11. Who will accept FDA 482, Notice of Inspection; refuses inspection; accept Inspectional Observations, FDA 483?

12. Who designed and implemented the quality assurance plan; who receives reports of Q.A.; who acts or should act upon the reports?

13. Who is responsible for auditing other facilities, contractors, vendors, GLP sites, etc.?

14. In the firm's business relationships, who signs major contracts, purchase orders, etc?

In some circumstances, documenting of individual responsibility requires investigative techniques that lead to sources outside the firm. These sources may include contractors, consultants, pest control or sanitation services, local health officials and others. Copies of documents between the firm and outside parties may help establish responsibilities. Do not overlook state officials as another possible source of information in selected cases.

During the course of the inspection you may observe persons who hold responsible positions and/or influence in the firm whose abilities or judgment may be affected by an obvious infirmity, handicap, or disability. If it is obvious the infirmity adversely affects the person's responsibilities or duties that are under FDA oversight, describe in your EIR the extent of the infirmity and how it relates to the purported problem or adverse condition.

526 - GUARANTEES AND LABELING AGREEMENTS

Review the Code of Federal Regulations, 21 CFR 7.12, 7.13, 101.100(d), 201.150, and 701.9, for information con-

cerning guarantees and labeling agreements.

Guaranty - Certain exemptions from the criminal provisions of the FD&C Act are provided where a valid guarantee exists as specified in Section 303(c) of the FD&C Act [21 U.S.C. 333 (c)]. Obtain a copy of any Food and Drug guarantee, which the firm claims to use relating to a violation noted during your inspection. No person may rely upon any guaranty unless he has acted merely as a conduit through which the merchandise reached the consumer.

Labeling Agreement - Products regulated by FDA are normally expected to be completely labeled when introduced into or while in interstate commerce. Under certain conditions exemptions are allowed when such articles are, in accordance with trade practices, to be processed, labeled, or repacked in substantial quantity at an establishment other than where originally processed or packed. Sections 405, 503(a) and 603 of the FD&C Act [21 U.S.C. 345, 353(a), and 363] also provide exemptions from complete labeling for products.

To enjoy this exemption, the shipment must meet one of the following:

1. The shipper must operate the establishment where the article is to be processed, labeled or repacked; or
2. If the shipper is not the operator of the establishment, he must first obtain from the owner a written agreement signed by and containing the post office addresses of such persons and such operator and containing such specifications for the processing, labeling or repacking of such articles as will insure that such article will not be adulterated or misbranded within the meaning of the Act, upon completion of the processing, labeling or repacking.

Submit copies and dates of labeling agreements where unlabeled articles are shipped in interstate commerce.

527 - RECORDS OBTAINED

Many types of inspections and investigations require collection of copies of records to document evidence of deviations. In some cases, this may involve voluminous copies of Good Manufacturing Practice (GMP) records, commitments made in the Pre-Approval process, adherence to the requirements of the Low Acid Canned Food regulations or other areas. Copies of records are also obtained to document interstate commerce, product labeling and promotion, and to identify the party or parties responsible for a variety of actions. All documents become part of the government's case should it go to litigation.

Normally, during litigation proceedings, the best evidence rule prevails in court, whereby the copy of the record in the custody of the government can be authenticated, if the original record is not produced by the custodian of the record.

It is imperative the government witness [usually the collector of the record(s)] be able to testify where, when and from whom the copies were obtained, and that the copy is a true copy of the source document, based on their review of the source document.

527.01 - Identification of Records

Articles used as evidence in court cases must be marked to assure positive identification. This includes all records as noted in IOM 527, and any others for evidence in administrative or judiciary proceedings. When identifying and filing records, you must assure the record is complete and no identification method or filing mechanism covers, defaces or obliterates any data on the record/document.

It is imperative you identify the records used as evidence so you can later testify the documents entered as evidence are the very ones you obtained. See IOM 527.2. You should always review source documents to assure the records you obtained are an accurate representation (copy) of the source document. Record in your Regulatory Notes the when, where, and from who copies are obtained so you can properly prepare for testimony as needed.

527.02 - Identifying Original Paper Records

NOTE: Policy Changes - In keeping with other regulatory and enforcement agencies' policies, the mandatory identification of the original or source document copied during an inspection or investigation is no longer routinely required. IOM 451.05 covers identification of records collected and submitted as part of a sample collection.

When you collect an Official or Documentary (or "DOC") Sample, each page of the copied records will become part of the collection report and should be identified as noted in this section and as in IOM 430.05. This includes records of interstate commerce, manufacturing deviations, label and labeling violations, or any other record copied which may become "evidence."

While it is no longer routinely required for you to identify the original or source record(s), you must verify the copy of the record(s) you received is an accurate reproduction of the original or source record(s). You must be able to testify your copy is an exact duplicate of the original or source record. You should record in your diary you authenticated copies of records you obtain so you can provide this testimony during any trial proceedings.

To ensure you are able to positively identify the specific copies you received during your inspection or investigation and to avoid any filing mix-up, you must identify the copies you obtained. This identification will cover records submitted in support of the inspection or investigation, and include all those submitted whether it is an Establishment Inspection Report (EIR) or a narrative memorandum.

You should identify records/exhibits submitted with an EIR using at least the Exhibit number, firm name, date(s) of the inspection, and your initials. This should be done in such a way that you will be able to clearly identify the copy of specific record(s) you obtained. If some type of label is used, it must be permanently applied so any removal will be obvious. Records submitted with a Collection Report will be similarly identified with the sample number, date of collection, but with your handwritten initials. Records submitted with a memorandum will include a phrase or firm or subject name to tie them to the investigation, the date(s) of the investigation and your initials.

There are occasions when a single record may include hundreds of sheets of bound paper. Abbreviated methods of identification may be used for bound documents by fully identifying the first and last few pages. In some cases, firm's clearly mark each page with the sequential and total pages number (e.g., page 6 of 10, 7 of 10, etc.) and this allows you to fully mark only a few pages in the beginning and end of the exhibit.

All pages must be identifiable if not in bound documents. One example of a shortened method of identifying individual exhibits containing a large number of pages (usually more than 25) is to fully identify the first few and last few pages with at least the exhibit number, date and your initials. Then identify the remaining pages with the page number of the total page numbers, and your initials, e.g., "5 of 95 SHR". This may not be acceptable if you have more than one exhibit consisting of exactly 95 pages.

Whatever method is used, you must assure the document is complete and is always identifiable. This is so you can testify as to the "where", "when" and "from whom" the copies were obtained, and that the copy is a true copy of the source document based on your review of the source document. The identification method should allow any reviewer to determine if the document is complete or pages or parts are missing.

527.03 - Filmed or Electronic Records

When attempting to obtain records, you may find they are stored on microfilm, microfiche, or some form of a computerized management information system as electronic records.

Microfilm/Microfiche and electronic information - You may encounter records stored on microfilm/microfiche or as electronic records on a computer system. Hard copy records obtained during the course of the inspection from these sources are handled the same as any hard copied records following procedures outline in IOM 527, 527.01 and 527.02.

NOTE: See CPG Section 130.400 for Agency Policy concerning microfilm and/or microfiche records. 21 CFR Part 11 contains information concerning Electronic Records and Electronic Signatures and may be of value to you.

Electronic information received on CD-R, or other electronic storage media - You may obtain electronic information, databases, or summary data from a firm's databases during an establishment inspection. The methods used must maintain the integrity of the electronic data and prevent unauthorized changes.

Electronic data, such as blood bank databases, drug production records, medical device complaints, service records, returned products and other records are often dynamic data files with real time updating. Information from these files is generally provided at the time of the inspection. Your request may require the firm to develop one or more custom queries to provide the requested information. You must assume the query logic is not validated and take appropriate action to ensure the data is accurate and no data has been accidentally omitted due to a programming logic error occurring at the firm.

When appropriate, a copy of electronic data can be obtained on one or more CD-R, or other electronic storage media. If you provide the diskettes to the firm, use only new, previously unused and preformatted diskettes. An additional safeguard is to request the firm reformat the disk on their own computer to assure it is usable and "clean".

Any request for electronic information on a CD-R, or other electronic storage media must be made with a computer application in mind and the data obtained must be useful. Request for electronic information should be in a format compatible with software applications knowledgeable to you and available from the Agency. Converting files into different file formats is difficult and should not be attempted without the necessary knowledge and availability of conversion type programs where applicable. If help is needed for file conversion, assistance may be available within the district, region or from DFI HFC-130.

Any CD-R or other electronic storage media containing electronic information received during the course of an inspection should be considered and handled as master copies. The firm may or may not retain a copy of the information provided during the course of an inspection. Ask the individual providing the copy(s) to provide actual CD-R or other electronic storage media labeling information, such as filename(s), date and other information to facilitate their later identification of the CD-R or other electronic storage media and the data provided on the CD-R or other electronic storage media. The name of the appropriate software and version used to ensure readability of the information should also be maintained with the copy of the electronic information.

You should perform a virus scan of the master CD-R or other electronic storage media according to Agency requirements. Each master diskette should be write-protected, labeled and identified as you would any hard copy document.

There are no guarantees the files provided on CD-R or other electronic storage media will be useable data. It is your responsibility to make a working copy of each master CD-R or other electronic storage media. Before making any working copies from the master CD-R or other electronic storage media, confirmation should be made that the write-protection has been activated on each master diskette. You will need to use a computer to view the copied files and verify each file contains the information requested and the information is useable to you. Some electronic data files may be too large to open from a CD-R or other electronic storage media and must be loaded on a hard disk before opening. If this is the case, the file should be put on a sub-directory before opening and viewing.

As a general practice, any findings developed from electronic information provided by the firm should be requested in a hard copy format. The hard copy provided by the firm should then be used as an exhibit to support the investigator's observation. This will preclude or limit any errors that may have occurred from the investigator querying of the electronic information.

The master CD-R, diskettes or other electronic storage media, should be secured to assure the integrity of the data when used in a subsequent enforcement action.

Identify the master copy as an exhibit, write-protect diskettes, and place in a suitable container, e.g., FDA-525, and officially seal. Mark the FDA-525 or other container as containing diskettes and to "Protect from magnetic fields." The diskette(s) should be stored as part of the exhibits with the original EIR. See IOM 594.01.

527.04 - Requesting and Working with Computerized Complaint and Failure Data

The auditing of FDA regulated firms has found that an increasing number of firms are developing and maintaining computerized complaint and failure data to meet GMP record requirements. Records, hardcopy and electronic, are becoming increasingly voluminous. The auditing of information contained in computerized databases is generally most effectively accomplished with the use of a computer.

Computer auditing of computerized complaints and failure data may require the transfer of electronic data to CD-R or other electronic storage media for you to use in your computer. You should use a computer and application software familiar to you to query information obtained in electronic format. You should not use the audited firm's equipment or personnel to perform extensive queries or manipulation of the audited firm's own computerized data.

527.041 - Computerized Complaint and Failure Data

Requesting and obtaining electronic data on CD-R or other electronic storage media is becoming more common during the course of routine inspections. Providing computerized data on electronic media is advantageous to both you and the firm and can result in shorter inspection time. These types of databases contain large numbers of records, which can be easily and quickly queried if they are in electronic format. Inspection time would be lengthened if all such information was only provided in hardcopy format. It may result in you reentering all of the hardcopy data into a new database or reviewing volumes of documents. Be aware if the firm should generate custom software to provide requested electronic records, it would be difficult for you to validate or verify the firm's algorithm used to extract the requested data and ensure that records were not accidentally or deliberately omitted due to programming logic errors, data entry errors, etc.

527.042 - Requesting Computerized Data

Before requesting a copy of computerized data, you should determine several things including information about the size and contents of the database, the program used by the firm, and the program you will use, among others. The following steps are useful in preparing for an electronic record request.

1. Determine the firm's application program used to maintain the data of interest. This may be in a DOS compatible application program such as Access, Excel, Dbase, Paradox, Lotus 123 or others. It is best to obtain data files in a format compatible with application programs you will be

using. Large data files with record counts in excess of 10,000 records are best converted to file formats that can be used by programs designed to handle such large databases. There are spreadsheet record limits in some commercial programs that would not allow these application programs to handle much over 5,000 records. Check the program you plan to use to ensure it can handle the file size you will be using.

2. Most large and real-time data files reside in main-frame or network systems requiring programming and downloading to a PC using an [Structured Query Language (SQL)] SQL format. Although data may be captured and downloaded in an SQL format, not all spreadsheet or database application software can load an SQL file. In addition, it may be difficult or impossible to manipulate data in that format. Problems can also be encountered downloading data from Apple computers to an IBM format. Successful conversions are possible if the firm selects the proper conversion format or you have conversion software designed to convert from an Apple to an IBM platform.

3. You may need to request an ASCII (American Standard Code for Information Interchange) text/flat file format. ASCII format is an industry standard, which assigns a unique code to every printable, keyboard, and screen character. An ASCII file should be stripped of all non [-] standard codes that are used by specific application programs for fonts, underlining, tabs, etc. The ASCII text file can be imported by all application programs, and once imported, can be restructured for the specific application program. ASCII delimited is the format of choice, with ASCII fixed length as an alternative. Care must be exercised in specifying a hard carriage return at the end of each line to be DOS compatible, or additional conversion may be necessary before the file is useable.

4. You should determine what fields of information are routinely captured by the firm. This can be accomplished by requesting a printout of the data structure of the data file or observing the inputting of data at a computer terminal or workstation. It is common for databases to contain numbers or other coded information requiring translations from look up tables to give meaningful text. You should determine if information fields contain coded data, and if so, a code breakdown should be obtained. Information about code breakdowns should be located in the SOPs for that computerized system. Also be aware in relational databases, there may be linking data fields that exist in other tables that should also be considered in the overall data request.

5. If the files are too large to fit on a disk, file compression must be used. If possible, ask that the firm prepare the data in a compression format that is self-extracting. Self-extracting files are executable files and should be virus scanned before and after executing. All CD-R, diskettes or other electronic storage media should be scanned prior to being used on any FDA computer. Whatever compression utility is used, make sure you have the software to manipulate the files as needed.

6. You should always get the total record count of the data file provided by the firm. This count should be verified any time the file is loaded, converted, manipulated, or queried.

527.043 - Identification and Security of CD-R, Diskettes or Other Electronic Storage Media

You should follow these steps to ensure proper identification and security of CD-R or other electronic storage media:

1. Label each CD-R or other electronic storage media
 - a. Firm name
 - b. Date and your initials
 - c. Initials by a representative of the firm (optional)

If you provide the diskettes to be used, use only new and preformatted diskettes from an unopened box.

- d. The name of the appropriate software and version to ensure readability of the information
2. Make a working copy of CD-R or other electronic storage media
 - a. Write protect the original diskette
 - b. Virus scan the original diskette
 - c. Copy the original CD-R or other electronic storage media

The original CD-R or other electronic storage media should not be used for manipulating data so as to maintain the integrity of the CD-R or other electronic storage media and data. **NOTE:** If a virus is detected, do not remove the virus from the source diskette provided by the firm. This may become evidence if it is suspected that the firm intentionally transferred the virus. Attempt to obtain another, uninfected copy of the data file from the firm.

Create a subdirectory on the computer hard drive

- a. Transfer data from the virus-free, working copy of the CD-R or other electronic storage media to your hard drive.
- b. Virus scan any decompressed files before and after decompression. (Some virus scan software will scan compressed files but it is safer to scan all foreign files)
- c. You have now transferred confidential information to the hard drive and that information must be protected.
- d. Upon completion of the use of the data, the file must be deleted and totally overwritten with a utility to wipe the data from the hard drive. A delete file operation is not adequate to totally remove the data from the hard drive.
- e. Do not leave confidential files in any shared directories or e-mail.

527.044 - Data Integrity of Records Provided by Firm

Many manufacturers are using computers to store records concerning complaints, failure data, returned goods, servicing, testing results and others. Record traceability and data integrity are always concerns when you copy or use computerized data.

1. It is difficult to determine what records are to be designated as originals or copies of original records. It is important, when obtaining hardcopy or copy of computerized data, for you to capture some method of dating. The date of an electronic file can be captured by recording the date and time from a file listing in DOS or with File Manager in Windows. This may not always be possible, but some attempt should be made to date and time stamp electronic data.

2. Requests for most information from manufacturers will require the use of some custom software routine to generate the Investigator's requested information. Any data generated at the request of an Investigator should always be considered custom data. The firm will seldom validate or verify software routines used to generate data in response to your request. You should request a copy of any software program or scripts used to generate the computerized data provided. The request for the software program is not a request for a copy of the application program but a request for the special commands or programs created within the application program for the querying and extraction of data into a new data file. You should review the command structure to ensure it includes all data related to your request.

527.045 - Electronic Information for Official Documentation

During your use of queried data, if you find a violative situation, you should request the firm prepare a hardcopy report of the specific data that depicts the situation. (Do not request an entire copy of the data base and do not rely on the digital database or your extractions from the data to serve as official documentation.) Any records of interest, such as complaints, failure information, etc., noted from querying the computerized data should be copied from original hardcopy documents to support the findings in the database. You should also maintain the procedures or commands you used to find the violative situations in the data base. Follow procedures in IOM 527.03 for maintaining and identifying original disks.

527.05 - Listing of Records

If management requests a list of the copies of records you obtain, prepare it in duplicate and leave the original with the firm. Many firms prepare duplicate copies of documents requested during our inspections. In the interests of conserving inspectional time, you may ask the firm to prepare the list of copies concurrently with the photocopying and you then verify the accuracy. Do not use form FDA-484, Receipt for Samples. Describe the circumstances in your report including the name and title of the individual to whom you gave the list. Submit the duplicate list with your report as an Exhibit.

527.06 - Patient and/or Consumer Identification on Records

During the course of many types of inspections and investigations you will review and collect records which specifically identify (by name) patients or consumers. Under most state Privacy Laws this information is confidential. Some firms we inspect may mistakenly believe this information is not releasable to the federal government. However, Federal laws preempt State laws; with few exceptions we are entitled to review and copy the complete record, including the identifying patient/consumer names. The Agency is then required to maintain the confidentiality of the records/files, as with any confidential record you col-

lect. Any disclosure of the information contained in the record(s) can only be by Law, i.e., judge's order, disclosure, Congressional order, etc.

General, routine guidance is as follows:

a. For records copied as a result of injury or complaint investigation, where you obtain patient identification, the identification should remain intact and stored in the official FDA files. Frequently, medical releases must be obtained from a complainant, consumer or "next-of-kin". At least one or two extra should be obtained and stored in the files.

b. For methadone inspections, continue the Agency policy of deleting patient identification specific to the patient (name, SSN, Driver License #, etc.).

c. For any inspection/investigation involving a regulation required Informed Consent, such as clinical investigations, IRBs, bioequivalence testing, etc., patient identification should remain intact and stored in the official FDA files.

d. For most others, such as MQSA, plasmapheresis, blood donations, etc., only the patient initials and unique identifier supplied by the firm (such as donor number, donation number, etc.) need be routinely retained in the FDA files.

It is not uncommon for a firm to voluntarily purge the documents of the pertinent identifiers as they are copied. You must verify (by direct comparison to the original document) you received an accurate reproduction of the original, minus the agreed to purging, prior to accepting the copy.

As with any inspection there are times when the specific identifiers must be obtained, copied and retained, such as if/when further interview of the patient/consumer could be necessary. If in doubt, obtain the data. It is always easier to delete later than to return to obtain the information, especially in the few cases where questionable practices may result in the loss of the information.

All documents obtained containing confidential identifiers will be maintained as all documents obtained by FDA containing confidential information, i.e., in the official FDA files. Confidential identifiers may be flagged in the official FDA files for reference by reviewers to assure no confidential data are released under FOIA.

528 - REQUEST FOR SAMPLE COLLECTION

There are times one district will request another district to collect surveillance or compliance samples for it. The requesting district should provide as much of the following information as is available on specific shipments, using the FACTS Create Assignment Screen. See IOM Exhibit 590-D.

The following fields must be completed in order to save the assignment: Requesting Organization, Priority, Subject, POC Name, Op Code, Accom Org, Num of Ops, and PAC. When you create a sample collection assignment, which will require laboratory analysis, you should also create an assignment for the laboratory, using operation 41.

The screen is organized in sections. The Assignment section has the following fields:

Compliance Number : Enter the Compliance Number if known. This will make it easier to tie all associated activities together if the District is considering a compliance action. You can generate a compliance number after completing

the mandatory fields on the Maintain Inspection Results screen.

ORA reqd : This field only applies to assignments generated by Centers or other organizations outside of ORA. It will indicate whether or not ORA concurrence is required for the assignment.

ORA Cncrc Num : This field is for the requesting organization (other than an ORA component) to indicate ORA concurrence for the assignment.

POC Name : This field Indicates the point of contact in the requesting organization for the assignment.

Priority : Choose High or Routine

Remarks : This is a free form field, which should briefly describe the assignment.

Reporting Method : Indicate how the other district should notify the contact of problems with or status of the assignment. For example: e-mail, phone, etc.

Requesting Organization : Enter your District Office, if you are requesting a sample from another district or other appropriate FACTS organization.

Requestor Completion Date : Enter the completion date desired, using the format, MM/DD/YYYY.

Subject : Enter a subject for the assignment. It may be helpful to create a subject others will recognize as related to a specific action, for example a firm or product name.

The Operations section has the following fields:

Estmtd Hours : Enter the number of hours you believe the assignment should take. This is done to assist the collecting district in planning their work.

Estmtd Smpl Cost : Enter the estimated sample cost, if known.

Op Code : Enter the operation code for the assignment. If you are requesting a sample collection, it is 31.

Requester Remarks : Enter as many details about the sample collection as you can. Include: date of shipment, number and size of units or amount, codes, carrier (routing and freight bill number), invoice number, and name of responsible firm with date of inspection (if one occurred).

Rqstr Prty : Enter High or Routine. This will default to the same data entered in the Assignment section if it was prepared first.

Subject : This will default to the same data entered in the Subject field in the Assignment section if it was prepared first.

The Organizations section contains the following fields.

- **Accomp Org** : Enter the District or other FACTS organization you are requesting collect the assignment. If you are completing the sample analysis assignment, be sure to enter a laboratory.

- **Num of Ops** : Enter the number of sample collections or analyses you are requesting from the organization identified in the previous field.

- **Perf Org (Adhoc Work)** : If the performing organization is part of the accomplishing organization you are in, you may enter the performing organization here. If you are requesting the sample of another District, you will probably leave this blank.

The PACS & Products section of the form contains fields for entering the assignment PAC and Product code.

Enter the FEI number(s)/CFN(s) of the firm or firms from

which the sample is to be collected in the Firms & Cross References section. See IOM 439.08.

529 - POST-INSPECTION NOTIFICATION LETTERS

Issuance of Post-inspection notification letters have been discontinued in all program areas. See FMD 145.

SUBCHAPTER 530 - FOOD

530 - FOOD INSPECTIONS

Food plant inspections are conducted to evaluate the methods, facilities, and controls used in manufacturing, storage and distribution of foods.

530.01 - Preparation and References

Before undertaking an inspection:

1. Review the district files of the firm to be inspected and acquaint yourself with the firm's history, related firms, trade marks, practices and products. The review will identify products difficult to manufacture, require special handling, special processes or techniques, and hours of operation, which is especially important in bacteriological inspections. Remove, for subsequent investigations and discussion with management, Complaint/Injury Reports, which are marked for follow-up during the next inspection. See IOM 517.

2. Become familiar with current programs relating to the particular food or industry involved and relevant DFI inspection guides. These are referenced in Chapter 10 of the IOM. Become familiar with any applicable Compliance Policy Guide (CPG Chap 5).

3. Understand the nature of the assignment and whether it entails certain problems, e.g., Salmonella or other bacteriological aspects.

4. Review the FD&C Act Chapter IV - Food.

5. Review and become familiar with the various parts of 21 CFR pertaining to foods, as appropriate:

- 21 CFR Part 110 - GMP's on foods
- 21 CFR Parts 108 & 113 - Thermally Processed Low-Acid Foods Packaged in Hermetically Sealed Containers
- 21 CFR Part 114 - Acidified Foods are of particular importance
- 21 CFR Part 120 - HACCP Systems (covers Juice Processors)
- 21 CFR Part 123 - Fish and Fishery Products
- 21 CFR Part 129 - Processing and Bottling of Bottled Drinking Water
- 21 CFR Part 130, et al - Food Standards
- 21 CFR Part 1240 - Control of Communicable Disease
- 21 CFR Part 1250 - Interstate Conveyance Sanitation

6. Review reference materials on food technology and other subjects available in the District Inspectional Reference Library.

7. If you are assigned to inspect food-service establishments under the FDA - Secret Service Agreement, you should use the most current copy of the "Food Code" and be standardized in its use. All Regional Food Service Specialists and most Interstate Travel Sanitation Specialists are standardized in use of the code.

Be familiar with the "Food Chemicals Codex". See IOM 533.

530.02 - Inspectional Authority

See IOM 701 for broader information on this topic.

Authority to Obtain Records & Information in LACF & Acidified Foods Plants:

1. **Written Demand for Records** - FDA's regulation in 21 CFR 113 requires commercial processors of low-acid foods packaged in hermetically sealed containers to maintain complete records of processing, production and initial distribution. 21 CFR 114 requires the same of commercial processors of acidified foods. 21 CFR 108.25(g) and 21 CFR 108.35(h) provide that a commercial processor shall permit the inspection and copying of the records required by 21 CFR 113 and 21 CFR 114 by duly authorized employees of FDA. The demand for these records must be in writing on an FDA 482a, Demand for Records, signed by you and must identify the records demanded.

To obtain the records:

- (a) Prepare a FDA 482a, "Demand for Records", listing the records demanded. Describe the processing records to be reviewed and/or copied as accurately as you can, e.g., "All thermal process and production records mandated by 21 CFR 113 (or 114 if applicable) for the foods (state name of food) processed at this plant on (specific date or period of time)". If only a specific record is desired list it specifically as follows: e.g., "Fill Weight Records for #2 Filling Machine for the period 4-15-87 through 6-7-87." (b) Sign the form. (c) Issue the original to the same person to whom the FDA 482, "Notice of Inspection", was issued. (d) Submit the carbon copy with your EIR.

2. **Written Request for Information** - 21 CFR 108.35(c)(3)(ii) states commercial processors engaged in thermal processing of low-acid foods packaged in hermetically sealed containers shall provide FDA with any information concerning processes and procedures necessary by FDA to determine the adequacy of the process. 21 CFR 108.25(c)(3)(ii) requires the same of commercial processors of acidified foods. The information in this regulation is the data on which the processes are based. Many processors will not have this information and in fact 21 CFR 113.83 requires only that the person or organization establishing the process permanently retain all records covering all aspects of establishing the process. The processor should, however, have in his files a letter or other written documentation from a processing authority delineating the recommended scheduled process and associated critical factors.

You may encounter situations where you believe control of certain factors is critical to the process and there is no evidence to document these factors were considered when the process was established (e.g., a change in formulation

which could effect consistency). It is appropriate to issue a written request for a letter or other written documentation from a processing authority, which delineates the recommended scheduled process and associated critical factors. This represents the processing authority's conclusions and should correlate with the filed process.

If you believe control of certain factors are critical to the process and are not delineated in the process authority's recommendation or the filed process, obtain all available information about the situation. Include the name of the person or organization who established the process and the specific practices of the firm. This information should be included in your report and forwarded by your District to the Center for Food Safety and Applied Nutrition, Division of Enforcement (HFS-605) for review, as soon as possible. If the process establishment data and information is deemed necessary by the center, they will either request it directly from the processor or will direct the district to request it. If requested to obtain the information:

1. Prepare a FDA 482b - Request for Information listing the specific information requested. Specify each product involved by food product name and form, container size and processing method.
2. Sign the form.
3. Issue the original to the same person to whom the FDA 482, "Notice of Inspection", was issued.
4. Submit the carbon copy with your EIR.

530.03 - CFSAN - Bio-research Monitoring

Bio-research monitoring (BiMO) assignments for foods will generally be issued by the Center for Food Safety and Applied Nutrition (CFSAN) (see IOM 545).

530.04 - Food and Cosmetics Defense Inspectional Activities

Food and cosmetics security inspectional activities should be conducted as an "Add-On" to all routine food and cosmetics safety inspections. During the normal course of the inspection be alert to opportunities for improvement or enhancement of the firm's food and cosmetics security preventive measures, as compared to those recommended in the guidance documents described below. You should not perform a comprehensive food and cosmetics security audit of the firm or conduct an extensive interview of management or employees in an attempt to determine the level of adoption of preventive measures listed in the guidance. The goal is to facilitate an exchange of information to heighten awareness on the subject of food and cosmetics security.

Inspectional activities relative to food and cosmetic security for routine food and cosmetic establishment inspections should include:

1. Discussion with firm management of relevant FDA guidance documents including:
 - Food Producers, Processors, and Transporters: Food Security Preventive Measures Guidance
 - Importers and Filers: Food Security Preventive Measures Guidance

- Cosmetics Processors and Transporters: Cosmetics Security Preventive Measures Guidance
- Retail Food Stores and Food Service Establishments: Food Security Preventive Measures Guidance
- Dairy Farms, Bulk Milk Transporters, Bulk Milk Transfer Stations, and Fluid Milk Processors: Food Security Preventive Measures Guidance.

These documents should be used as references during inspections, as appropriate. Copies may be obtained at: <http://www.fda.gov/oc/factsheets/foodsecurity.html>. If firm management does not already have a copy of the relevant guidance documents provide them with hard copies or information on how to obtain the guidance from FDA's web site.

2. Identification of opportunities for improvement or enhancement of the firm's food and cosmetic security preventive measures, as compared to those recommended in the guidance documents, and encouragement of management to make such improvements or enhancements to their security system;

Keep in mind that: the guidance does not represent mandatory conditions or practices; some of the recommended food and cosmetics security preventive measures may not be appropriate or practical to the specific operation; and other means of achieving the goals of the preventive measures listed in the guidance may be more suitable for the specific operation than those cited as examples. The important message for management is to consider the goals of the food and cosmetics security preventive measures; evaluate the goals relative to the specifics of their operation; and address those that are relevant to the extent practical.

Food and cosmetics security observations should not be listed on form FDA-483, Inspectional Observations, unless they likewise constitute deviations from Current Good Manufacturing Practice. Security discussions should be handled discretely and should only involve management of the firm.

The fact that the discussion took place and, if applicable, that a copy of the guidance document(s) was provided should be recorded in the Summary section of the EIR. For example, under a section heading titled "Food and Cosmetics Security" you should only state, "A copy of the Food and Cosmetics Security Guidance documents were provided to and food and cosmetics security issues were discussed with (name of firm official)."

The details of inspectional findings regarding security should **NOT** be recorded. You should also minimize the quantity and detail of notes taken relative to the firm's food and cosmetics security program, taking only those needed to serve as a "memory jog" during the discussion with management.

Reconciliation Examinations

During Routine Food and Cosmetic Inspections - Conduct one reconciliation examination during each food and cosmetic establishment inspection. The examinations are to be conducted on raw materials used in the manufacture of foods or cosmetics, or finished products received by the firm for further distribution. Preference should be given

to products of foreign origin. Where possible, these examinations should be performed on products as they are received by the firm.

Consult the factory jacket for any information on special conditions in the facility that may affect selection of personal protective equipment; consult your supervisor for any recommendations on personal protective equipment; and have available all necessary personal protective equipment to conduct the activity.

As Part of an Import Field Examination and Entry Review

- See IOM 620 and 632. For imported food and cosmetics, a reconciliation examination should be conducted: (1) as an "Add-On" to all routine import field exams; AND, (2) in instances where review of entry information raises suspicion (resulting in a targeted reconciliation exam). A targeted reconciliation exam should be conducted when there are anomalies in entry declaration information. These may include new, unusual, or unfamiliar commodities, manufacturers, importers; suspicious trans-shipments; or credibility issues such as those between the product and declared country of origin (e.g., tuna from Saudi Arabia). If anomalies are found, entry documents should be requested and reviewed for discrepancies between the information declared through electronic filer submissions and that found in entry documents. Entry documents may include invoices, bills of lading, export certifications, and other relevant documents obtained from the importer, filer, or manufacturer/processor of the product. Fields in which discrepancies are found that may raise concern include country of origin, manufacturer, product description, product code, and quantity.

Avoid duplication of examination of the same foreign manufacturer, unless a prior reconciliation examination disclosed an unexplained discrepancy.

Follow guidance below for domestic and import reconciliation exams.

Reconciliation Examination Guidance

Reconciliation examinations are performed to ensure that:

- the food or cosmetic is what it purports to be
- there are not unexplained differences in the quantity of product ordered, shipped, and received, and
- there are no signs of tampering or counterfeiting.

Before initiating the exam make a general assessment of the appearance of the lot. Look for packaging that: appears to have been opened and resealed; appears wet, stained, punctured, or powdered. Also be alert to abnormal chemical odors. If any of these conditions are detected stop the exam and contact your supervisor for guidance. If the lot appears normal proceed with the examination. To the extent possible the exam should be performed in a well-ventilated, well-lit area.

Determine, to the extent possible, whether:

- the actual goods in a lot are the same as those that are declared in the shipping documents
- there is consistency in the manufacturer declared on the product labeling, bulk product packaging, and shipping documents
- for infant formula, the manufacturer has notified FDA

consistent with Import Alert #40-01; and

- there is no (unexplainable) inconsistency in actual quantity of goods in the lot, and the quantity ordered and declared in the shipping documents.

If unexplainable inconsistencies are detected document the occurrence, including photographs of the labeling and packaging, and an accurate count of the lot. Contact your supervisor, who should, in the case of imported products, contact the U.S. Customs and Border Protection for appropriate action. If the examination discloses evidence that inaccurate product identification data was submitted to the OASIS entry screening system, the District should evaluate the need for follow-up with a compliance filer evaluation and consider providing the information to the U.S. Customs and Border Protection for appropriate action.

If no unexplained inconsistencies are detected open the shipping packaging of a quantity of product approximating the square root of the number of shipping cartons/packages in the lot, and examine the contents. Look for the following:

- product identity on the package that does not match the identity declared on the shipping documents
- mixed product sizes within a carton or within the lot;
- product sizes that do not match the sizes declared on the shipping documents
- differences in product configuration or package type (e.g. plastic containers mixed with glass jars or aluminum or steel cans)
- easily apparent variations in weight
- product labels that display crude, unprofessional, or inconsistent styles of print, color or use of language
- unusual placement of labels (e.g. off-center)
- variations in lot coding ink color, appearance of embossing, or format (e.g., two line vs. three line, use of letters, numbers and symbols). unusually excessive use of a single code in a very large lot
- differences between the actual can codes in the lot and those listed on the shipping documents
- the existence of a tamper-evident notice on the labeling when the packaging does not contain a tamper-evident feature

- product that is beyond its expiration date
- inconsistencies in expiration dates within a lot

If no unexplainable discrepancies are noted select several packages from throughout the shipment and examine their contents. For those products that the contents are visible through the package it is not necessary to open the packages. For other products, open the package and examine and field destroy the contents. Look for the following:

- differences between the product and that which is declared on the label
- color differences in the product between containers of the same lot
- style differences in the product between containers of the same lot or between the actual product and the label and document declaration (e.g., sliced vs. whole, colorless noodles vs. egg noodles)
- readily detectable abnormal odors (e.g. strong decomposition, bitter almond, petroleum odor, garlic, chlorine, sulfur). Note: specific sensory examination is not expected.

Verification that the product is consistent with the product ordered may require that you obtain information from the owner of the goods, importer, filer, or custom house broker. Review of the following types of documentation may be necessary to accomplish the above instructions, to the extent that they are available: authentic label supplied by the owner of the goods, importer, filer, or custom house broker; purchase order; invoice; shipping records (bill of lading, weigh bill, manifest). Depending on the findings of the exam and record review, you may wish to request that the importer assist in an evaluation of the authenticity of the product, based on the importer's experience with the product.

Every effort should be made to document any discrepancies through use of photographs, and additional records that may be available from the filer, importer, owner, or customs house broker.

Special Safety Precautions

See IOM Subchapters 140 Safety, sections including 141.01 thru 141.04, and Section 143 on sampling hazards. When performing an establishment inspection or reconciliation examination follow these instructions:

If there are no signs of tampering or counterfeiting, use level I protection, which consists of: work gloves; coveralls; work boots; and in a dusty situation, a dust mask.

If there are signs of tampering or counterfeiting, use level II protection and consult your supervisor for any additional safety precautions needed. Level II protection consists of: work gloves worn over surgical gloves; full face respirator with appropriate cartridges; disposable coveralls; and work boots.

530.05 - Food Registration

The Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (the Bioterrorism Act) requires most domestic and foreign facilities that manufacture/process, pack, or hold food for human or animal consumption in the United States to register with FDA by December 12, 2003. The Bioterrorism Act covers both interstate and intrastate firms. FDA published an interim final rule on October 10, 2003 (68 FR 58894) to implement this requirement. The regulations will be codified at 21 CFR 1 Subpart H - Registration of Food Facilities. Facilities may register electronically at <http://www.access.fda.gov>, by mail or fax, or by CD-ROM for multiple submissions. Registrations will be maintained in the FDA Unified Registration and Listing System (FURLS). Facilities are not considered to be registered until their information is entered into FURLS.

The owner, operator, or agent in charge of a facility must register the facility's name, address, telephone number and, if available their fax number and e-mail address. If applicable, they must register the same information for their parent companies. They must also register emergency contact information, trade names, general product categories, and, if a foreign facility, information about their U.S. Agent. They can also supply optional information. The registrant must certify the truthfulness and accuracy of the submitted information.

The purpose of registration is to provide sufficient and reliable information about food facilities. When used with

the detention, recordkeeping, and prior notice provisions of the Bioterrorism Act, registration will help to provide information on the origin and distribution of food and feed products to allow for detection and quick reaction to real and potential threats to these products. In the event of a potential threat or an outbreak of foodborne illness, such information will help FDA and other authorities to notify food facility representatives and investigate the event, source, and/or cause of the outbreak. Also, it will enable FDA to notify quickly the facilities that might be affected by the outbreak.

The Bioterrorism Act makes failure to register a prohibitive act but, unlike registration requirements for drugs and devices, does not make the product violative. The person submitting a registration is required to certify that the registration information is true and accurate, and that the submitter is authorized to register on behalf of the facility.

FDA estimates that the total number of food facilities that must register could exceed 400,000, including both domestic and foreign facilities.

Facilities Exempted from Registration

The Bioterrorism Act, as implemented by the interim final rule for registration of food facilities exempts the following from registration:

(a) A foreign facility, if food from such facility undergoes further manufacturing/processing (including packaging) by another facility outside the U.S. (**Note:** A facility is not exempt under this provision if the further manufacturing/processing (including packaging) conducted by the subsequent facility consists of adding labeling or any similar activity of a de minimis nature. The facility conducting the de minimis activity also must register;

(b) Farms that are devoted to the growing and harvesting of crops, the raising of animals (including seafood), or both. Washing, trimming of outer leaves of, and cooling produce are considered part of harvesting. The term "farm" includes:

(i) Facilities that pack or hold food, provided that all food used in such activities is grown, raised, or consumed on that farm or another farm under the same ownership; and

(ii) Facilities that manufacture/process food, provided that all food used in such activities is consumed on that farm or another farm under the same ownership.

(c) Retail food establishments whose sales to consumers exceed their sales to non-consumers (businesses are considered non-consumers);

(d) Restaurants that prepare and serve food directly to consumers for immediate consumption;

(e) Nonprofit food establishments in which food is prepared for, or served directly to, the consumer;

(f) Fishing vessels, including those that not only harvest and transport fish but also engage in practices such as heading, eviscerating, or freezing intended solely to prepare fish for holding on board a harvest vessel. However, those fishing vessels that otherwise engage in processing fish are required to register. For the purposes of this section, "processing" means handling, storing, preparing, shucking, changing into different market forms, manufacturing, preserving, packing, labeling, dockside unloading,

holding, or heading, eviscerating, or freezing other than solely to prepare fish for holding on board a harvest vessel;

(g) Facilities that are regulated exclusively, throughout the entire facility, by the U.S. Department of Agriculture under the Federal Meat Inspection Act (21 U.S.C. 601 et seq.), the Poultry Products Inspection Act (21 U.S.C. 451 et seq.), or the Egg Products Inspection Act (21 U.S.C. 1031 et seq.)

Other exemptions from registration in the interim final rule are based on the definition of food included within the scope of the registration regulation. Facilities that manufacture/process, pack, or hold food contact substances (including packaging materials) or pesticides are exempt from registration.

Agency Website Link:

More specific information regarding the Bioterrorism Act and food registration may be obtained at the following website: <http://www.cfsan.fda.gov/~dms/fsbtact.html>

Inspectional Guidance

See Compliance Policy Guide Sec. 110.300: Registration of Food Facilities Under the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 at <http://www.cfsan.fda.gov/~furls/cpgreg.html>. During inspections of domestic and foreign facilities subject to the rule, make sure that firm management is aware of the registration requirements. Inform the firm's management that information regarding food security, the BT Act, facility registration, required and optional information, definitions, exemptions, and penalties for failure to register, etc., is available at the following website:

<http://www.cfsan.fda.gov/~dms/fsbtact.html>

For facilities that are required to register, but have not yet done so, encourage electronic registration (see <http://www.fda.gov/oc/bioterrorism/bioact.html>), and refer them to a copy of the blank registration form (see <http://www.cfsan.fda.gov/~furls/helpol.html>) and the web site address (<http://www.access.fda.gov>) for electronic registration. Also encourage submission of the optional information on the form to assist and facilitate future communication with the facility as intended by the BT Act.

Document the registration status of the firm, and registration discussions with firm management, in the "Summary of Findings and Discussion with Management" sections of the EIR. Observations about failure to register are **NOT** to be placed on the FDA 483.

531 - PERSONNEL

Management - Follow the guidance described in IOM 525 when documenting individual responsibility including obtaining the full name and titles of the following individuals:

1. Owners, partners, or officers.
2. Other management officials or individuals supplying information.
3. Individuals to whom credentials were shown and FDA 482, Notice of Inspection, and other inspectional forms issued.
4. Individuals refusing to supply information or permit inspection.

5. Individuals with whom inspectional findings were discussed or recommendations made.

Regulations require plant management take all reasonable measures and precautions to assure control of communicable disease, employee cleanliness, appropriate training of key personnel, and compliance by all personnel with all requirements of 21 CFR 110.10, 113.10, and 114.10.

Determine if adequate supervision is provided for critical operations where violations are likely to occur if tasks are improperly performed.

Employees - Improper employee habits may contribute to violative practices in an otherwise satisfactory plant. Observe the attitude and actions of employees during all phases of the inspection. Observe employees at their work stations and determine their duties or work functions. Note whether employees are neatly and cleanly dressed and whether they wear head coverings which properly cover their hair.

Determine if employees working with the product have obvious colds, or infected sores, cuts, etc. Under no circumstance should you swab a sore, touch or remove a bandage from an employee in an attempt to obtain bacteriological data. To do so is a violation of personal privacy, possibly hazardous to you and/or the employee, and usually provides little useful data.

Note whether employees eat while on duty.

Observe and record insanitary employee practices or actions showing employees handling or touching unsanitized or dirty surfaces and then contacting food products or direct food contact surfaces. Such practices might include employees spitting, handling garbage, placing their hands in or near their mouths, cleaning drains, handling dirty containers, etc. and then handling food product without washing and sanitizing their hands. Observe whether employees comply with plant rules such as, "No smoking", "Keep doors closed", "Wash hands before returning to work", etc. See IOM 536.02.

Be alert to employees handling insanitary objects, then quickly dipping their hands in sanitizing solutions without first washing them. Depending upon the amount and type of filth deposited on the hands during the handling of insanitary objects, such attempts at sanitizing are questionable at best. Sanitizers work most effectively on hands, which have been first cleaned by washing with soap and water.

Conversations with employees doing the work may provide information on both current and past objectionable practices, conditions and circumstances. These should be recorded in your notes.

Where appropriate, determine employee education and training. Also determine type, duration, and adequacy of firm's training programs, if any, to prepare employees for their positions and to maintain their skills. See IOM 593.03

532 - PLANTS AND GROUNDS

Environment - Observe the general nature of the neighborhood in which the firm is located. Environmental factors such as proximity to swamps, rivers, wharves, city dumps,

etc., may contribute to rodent, bird, insect or other sanitation problems.

Plant Construction, Design and Maintenance - Determine the approximate size and type of building housing the firm and if suitable in size, construction, and design to facilitate maintenance and sanitary operations. Check placement of equipment, storage of materials, lighting, ventilation, and placement of partitions and screening to eliminate product contamination by bacteria, birds, vermin, etc. Determine any construction defects or other conditions such as broken windows, cracked floor boards, sagging doors, etc. which may permit animal entry or harborage.

Inspect toilet facilities for cleanliness, adequate supplies of toilet paper, soap, towels, hot and cold water, and hand washing signs. Check if hand washing facilities are hidden, or if located where supervisory personnel can police hand washing.

Determine who is responsible for buildings and grounds maintenance. Many facilities such as docks, wharves, or other premises are owned and maintained by other firms, municipalities, or individuals for lease for manufacturing operations. Determine who is legally responsible for repairs, maintenance, rodent proofing, screening, etc. Evaluate the firm's attitude toward maintenance and cleaning operations.

Waste Disposal - Waste and garbage disposal poses a problem in all food plants depending upon plant location and municipal facilities available.

Check the effectiveness of waste disposal on the premises and ensure it does not cause violative conditions or contribute toward contamination of the finished products. Check for in-plant contamination of equipment and/or product, if its water is supplied from nearby streams, springs, lakes or wells.

Suspected dumping of sewage effluent into nearby streams, lakes, or bay waters near water intakes can be documented by color photographs and water soluble fluorescein sodium dye. Place approximately two ounces dye, which yields a yellowish red color, into the firm's waste system and/or toilets, as applicable, and flush the system. The discharge area of the effluent becomes readily visible by a yellowish-red color on the surface of the water as the dye reaches it. Color photographs should be taken.

Determine collecting or flushing methods used to remove waste from operating areas. If water is used, determine if it is recirculated and thus may contaminate equipment or materials.

Determine the disposition of waste materials that should not be used as human food such as rancid nuts, juice from decomposed tomatoes, etc.

Determine the disposition of waste, garbage, etc., which contain pesticide residues. Determine how this is segregated from waste material which contains no residues and which may be used for animal feed.

Plant Services - If applicable, check steam generators for capacity and demand. Demand may reach or exceed the rated capacity, which could effect adequacy of the process. Check boiler water additives if steam comes in direct contact with foods.

Check central compressed air supply for effective removal of moisture (condensate) and oil. Determine if any

undrained loops in the supply line exist where condensate can accumulate and become contaminated with foreign material or microorganisms.

533 - RAW MATERIALS

Source - List in a general way the nature of raw materials on hand. Itemize and describe those, which are unusual to you, or involved in a suspected violation (copy quantity of contents and ingredient statements, codes, name of manufacturer or distributor, etc.). Be alert for additives and preservatives. Evaluate the storage of materials. Determine the general storage pattern, stock rotation and general housekeeping. Materials should be stored so they are accessible for inspection. Thoroughly check ceilings, walls, ledges, and floors in raw material storage areas for evidence or rodent or insect infestation, water dripping or other adverse conditions.

Handling Procedure - Determine if growing conditions relative to disease, insects, and weather are affecting the raw material. Check measures taken for protection against insect or rodent damage. Raw materials may be susceptible to decomposition, bruising or damage, e.g., soft vegetables and fruits delivered in truckload lots. Determine the holding times of materials subject to progressive decomposition.

Condition - Evaluate the firm's acceptance examination and inspection practices including washing and disposition of rejected lots. Where indicated, examine rejected lots and collect appropriate samples and report consignees.

Determine the general acceptability of raw materials for their intended use and their effect on the finished product. Raw stocks of fruits or vegetables may contribute decomposed or filthy material to the finished product. Be alert for use of low quality or salvage raw materials. Check bags, bales, cases and other types of raw material containers to determine signs of abnormal conditions, indicating presence of filthy, putrid or decomposed items. Check any indication of gnawed or otherwise damaged containers, to ascertain if material is violative. Be alert to contamination of raw materials by infested or contaminated railroad cars or other carriers.

Document by photographs, exhibits or sketches any instances where insanitary storage or handling conditions exist.

Food Chemicals Codex - Any substance used in foods must be food-grade quality. FDA regards the applicable specifications in the current edition of the publication "Food Chemicals Codex" as establishing food-grade unless FDA publishes other specifications in the Federal Register.

Determine whether firm is aware of this publication and whether or not they comply.

534 - EQUIPMENT AND UTENSILS

By arriving before processing begins, you are able to evaluate conditions and practices not otherwise observable before plant start-up. This includes adequacy of clean-up, where and how equipment is stored while not in use, how hand sanitizing solutions and food batches are prepared

and if personnel sanitize their hands and equipment before beginning work.

Dirty or improperly cleaned equipment and utensils may be the focal point for filth or bacterial contamination of the finished product. Examine all equipment for suitability and accessibility for cleaning. Determine if equipment is constructed or covered to protect contents from dust and environmental contamination. Open inspection ports to check inside only when this can be done safely. Notice whether inspection ports have been painted over or permanently sealed.

Observe the firm's filtering systems and evaluate the cleaning methods (or replacement intervals of disposable filters) and schedules. Check types of filters used. There have been instances where firms have relied on household furnace type filters.

Check the sanitary condition of all machinery. Determine if equipment is cleaned prior to each use and the method of cleaning. If the firm rents or leases equipment on a short-term basis, report prior cleaning procedures. Equipment may have been used for pesticides, chemicals, drugs, etc., prior to being installed and could therefore be a source of cross-contamination.

Inspect conveyor belts for build-up of residual materials and pockets of residue in corners and under belts. Look in inspection ports and hard-to-reach places inside, around, underneath, and behind equipment and machinery for evidence of filth, insects, and/or rodent contamination. Chutes and conveyor ducts may appear satisfactory, but a rap on them with the heel of your hand or a rubber mallet may dislodge static material, which can be examined. See IOM 427.06 for procedure on taking In-line Sample Subs.

Determine how brushes, scrapers, brooms, and other items used during processing or on product contact surfaces are cleaned, sanitized and stored. Evaluate the effectiveness of the practices observed.

Be alert for improper placement or inadequately protected mercury switches, mercury thermometers, or electric bulbs. Breakage of these could spray mercury and glass particles onto materials or into processing machinery.

If firm is using U.V. lamps for bacteria control, check if it has and uses any method or meters to check the strength of U.V. emissions. If so, obtain methods, procedures, type equipment used, and schedule for replacement of weak U.V. bulbs.

In plants where chlorine solution is piped, check on type of pipe used. Fiberglass reinforced epoxy pipe has been observed to erode inside through the action of the chlorine solution. This poses a threat of contamination from exposed glass fibers. Pipes made with polyester resin do not deteriorate from this solution.

Observe sanitizing practices throughout the plant and evaluate their effectiveness, degree of supervision exercised, strength, time, and methods of use of sanitizing agents. Determine the use, or absence of, sanitizing solutions both for sanitizing equipment and utensils as well as for hand dipping. If chlorine is used, 50 ppm - 200 ppm should be used for equipment and utensils, while a 100 ppm will suffice for hand dipping solutions. Sanitizing solutions rapidly lose strength with the addition of organic mate-

rial. The strength of the solution should be checked several times during the inspection.

535 - MANUFACTURING PROCESS

Where helpful to describe equipment and processes, draw flow plans or diagrams to show movement of materials through the plant. Generally a brief description of each step in the process is sufficient. List all quality control activities for each step in the process and identify Critical Control Points. Provide a full description when necessary to describe and document objectionable conditions, or where the assignment specifically requests it.

Observe whether hands and equipment are washed or sanitized after contact with unsanitized surfaces. For example:

1. Workers do general work, then handle the product;
2. Containers contact the floor, then are nested or otherwise contact product or table surfaces;
3. Workers use common or dirty cloths or clothing for wiping hands;
4. Product falls on a dirty floor or a floor subject to outside foot traffic and is returned to the production line.

Be alert for optimum moisture, time and temperature conditions conducive to bacterial growth.

In industries where scrap portions of the product are re-used or re-worked into the process (e.g., candy and macaroni products), observe the methods used in the re-working and evaluate from a bacteriological standpoint. Re-working procedures such as soaking of macaroni or noodle scrap to soften or hand kneading of scrap material offers an excellent seeding medium for bacteria.

When a product is processed in a manner which destroys micro-organisms, note whether there are any routes of recontamination from the "raw" to the processed product (e.g. dusts, common equipment, hands, flies, etc.).

535.01 - Ingredient Handling

Observe the method of adding ingredients to the process. Filth may be added into the process stream from dust, rodent excreta pellets, debris, etc. adhering to the surface of ingredient containers. Evaluate the effectiveness of cleaning and inspectional operations performed on the materials prior to or while adding to the process. Determine specific trimming or sorting operations on low quality or questionable material. Observe and report any significant lags during the process or between completion of final process and final shipping. For example, excessive delay between packing and freezing may be a factor in production of a violative product.

535.02 - Formulas

The Act does not specifically require management to furnish formula information except for human drugs, restricted devices and infant formulas. Nonetheless, they should be requested especially when necessary to document violations of standards, labeling, or color and food additives.

Management may provide the qualitative formula but refuse the quantitative formula.

If formula information is refused, attempt to reconstruct formula by observing:

1. Product in production,
2. Batch cards or formula sheets,
3. Raw materials and their location.

Any refusal to furnish requested information is reported in your EIR under the refusal heading.

535.03 - Food Additives

Refer to the food additives program in the CPGM (Chapter 9) for instructions on conducting establishment inspections of firms manufacturing food additive chemicals. Information is also available in DFI's "Guide to the Inspection of Manufacturers of Miscellaneous Food Products - Volume 2.

When making food plant inspections direct your evaluation of food additives only to those instances of significant violation or gross misuse.

Routine inspectional coverage will be directed primarily to the following two types of additives:

1. Unauthorized and illegal as listed in the Food Additive Status List (safrole, thiourea, et al), and
2. Restricted as to amount in finished food.

Because of special problems, exclude the following additives from coverage during routine inspections:

1. Packaging materials,
2. Waxes and chemicals applied to fresh fruit and vegetables,
3. Synthetic flavors and flavoring components except those banned by regulations or policy statements (these products will be covered under other programs), and
4. Food additives in feeds (these products will be covered under other programs).

The Food Additives Status List (FASL) contains an alphabetical listing of substances, which may be added directly to foods or feeds and their status under the Food Additives Amendment and Food Standards. In addition, a few unauthorized or illegal substances are included. See IOM Appendix A.

You may encounter substances not included in the Food Additives Status List (FASL). Such substances will include:

1. Obviously safe substances not on the list of items generally recognized as safe (GRAS), which are not published in the regulations, i.e., salt, cane sugar, corn syrup, vinegar, etc.;
2. Synthetic flavoring substances because of their indefinite status;
3. Substances pending administrative determination,
4. Substances granted prior sanction for specific use prior to enactment of the Food Additives Amendment.

Give primary attention to unauthorized substances. Document and calculate levels of restricted-use additives in finished food only where gross misuse or program violations are suspected as follows:

1. List ingredients, which may be restricted substances or food additives, and determine their status by referring to the current FASL. Report complete labeling on

containers of these substances.

2. Obtain the quantitative formula for the finished product in question.

3. Determine the total batch weight by converting all ingredients to common units.

4. Calculate the theoretical levels in the final product of all restricted or unauthorized ingredients from the formula by using the Food Additives Nomographs. See IOM Exhibit 530-B.

5. Determine probable level of restricted ingredients by observing the weight of each ingredient actually put into the batch.

535.04 - Color Additives

Evaluate the status of all colors observed during each food establishment inspection by using the Color Additives Status List. The list provides the current status and use limitations of most colors likely to be found in food, drug, device, or cosmetic establishments. See IOM Appendix A.

Stocks of delisted and uncertified colors may be found in the possession of manufacturers where there is no evidence of misuse. Advise the firm of the status of these colors. If management wishes to voluntarily destroy such colors, witness the destruction and include the facts in your EIR. If the firm declines to destroy the colors, determine what disposition is planned, e.g., use in non-food products.

Where decertified or restricted-use colors are used in manufacturing food, drug, device, or cosmetics products, proceed as follows:

1. Collect an Official Sample consisting of the color and the article in which it is being used. Make every effort to collect interstate shipments of the adulterated product before attempting to develop a 301(k) or 301(a) case. When regulatory action is an alternative, obtain sufficient interstate records to cover both the color and the basic ingredients of the manufactured product. Refer to IOM Sample Schedule, Chart 9 - Sampling Schedule for Color Containing Products for guidance.

2. Document the use of decertified colors after the decertifying date. Documentation should include batch formula cards, employee statements, code marks indicating date of manufacture, color certification number, etc. The presence of color in the finished product will be confirmed by your servicing laboratory.

535.05 - Quality Control

The objective of quality control is to ensure the maintenance of proper standards in manufactured goods, especially by periodic random inspection of the product. Your inspection should determine if the firm's quality control system accomplishes its intended purpose. Establish responsibility for specific operations in the control system. Determine which controls are critical for the safety of the finished product.

Inspection System - Determine what inspectional control is exercised over both raw materials and the processing steps. Such inspection may vary from simple visual or other organoleptic examination to elaborate mechanical manipu-

lation. Determine what inspection equipment is used, i.e., inspection belts, sorting belts, grading tables, ultraviolet lights, etc. Ascertain its effectiveness, maintenance or adjustment schedules. Where indicated, determine the name of the manufacturer of any mechanical inspection device and the principles of its operation.

Evaluate the effectiveness of the personnel assigned to inspection operations. Determine if the inspection belts or pick-out stations are adequately staffed and supervised.

Determine the disposition of waste materials, which are unfit for food or feed purposes.

Laboratory Tests - Describe routine tests or examinations performed by the firm's laboratory and the records maintained by the firm. Determine what equipment is available in the laboratory and if it is adequate for the purpose intended. If the firm uses a consulting laboratory, determine what tests are performed and how often. Review laboratory records for the period immediately preceding the inspection.

Manufacturing Code System - Obtain a complete description of the coding system with any necessary keys for interpretation. Provide an example by illustrating the code being used at the time of the inspection. (See 21 CFR 113.60(c) and 114.80(b)). Report coding systems, which require the use of ultra-violet light for visibility. Hermetically sealed containers of low acid processed food must be coded in a manner clearly visible. (See 21 CFR 113.60). Check 21 CFR 113 and 114 for regulations on coding for the type plant you are inspecting.

535.06 - Packaging and Labeling

Evaluate storage of packaging materials including protection from contamination by rodents, insects, toxic chemicals or other materials. Appraise the manner in which containers are handled and delivered to the filling areas. Determine if there is likelihood of chipping of glass or denting, puncturing, tearing, etc., of packaging materials. Observe the preparation of containers prior to filling. Consider any washing, steaming, or other cleaning process for effectiveness. Determine, in detail, the use of air pressure or other cleaning devices.

Quantity of Contents - If slack fill is suspected, weigh a representative number of finished packages. See IOM 428 for net weight procedure. Sets of official weights are available in the district servicing laboratory. These may be used to check the accuracy of firm's weighing equipment.

Labeling - Check the sanitary condition of labelers and equipment feeding cans to, and away from, the labeler. Determine if old product is present on any equipment which touches the can end seams, in the presence of moisture carry-over from the can cooling operation. Check availability of floor drains in the labeling area. Absence of floor drains could indicate infrequent cleaning of the equipment unless it is physically moved to another area for cleaning.

Determine what labels are used and what labeling is prepared or used to accompany or promote the product. Obtain specimens of representative labels and labeling including pamphlets, booklets, and other promotional material. Obtain 3 copies of labels and labeling believed to be violative.

Nutritional Labeling - See document "Guide to Nutritional Labeling and Education Act (NLEA) Requirements" for guidance.

536 - SANITATION

Documented observation of the conditions under which food products are processed, packed, or stored is essential to the proper evaluation of the firm's compliance with the law. This involves the determination of whether or not insanitary conditions contribute to the product being adulterated with filth, rendered injurious to health, or whether it consists in whole or in part of a filthy, putrid or decomposed substance.

Observations that dirt, decomposed materials, feces or other filthy materials are present in the facility and there is a reasonable possibility these filthy materials will be incorporated in the food are also ways of determining products may have become contaminated.

536.01 - Routes of Contamination

It is not sufficient to document only the existence of insanitary or filthy conditions. You must also demonstrate how these conditions contribute or may contribute to contaminating the finished product. Investigate and trace potential routes of contamination and observe all means by which filth or hazardous substance may be incorporated into the finished product. For example, defiled molding starch in a candy plant may contribute filth to candy passing through it, or filth in insect or rodent contaminated raw materials may carry over into the finished product. IOM Section 427 contains instructions on sample collection techniques for adulteration violations, including instructions for field exams and sample collections to document evidence of rodent, insect, etc., contaminated lots, and instructions for in-line sampling, including bacteriological samples. Finished product sample sizes for filth and micro collections can be found in the applicable Compliance Program (CPGM) or DFI "Guide to Inspections of ***."

Insects - Insect contamination of the finished product may result from insect infested raw material, infested processing equipment or insanitary practices, and by insanitary handling of the finished product. When routes of contamination with insect filth are encountered, identify the insects generally, e.g., weevils, beetles, moths, etc. If quantified, identify as to species. You must be correct in your identification. See IOM Appendix C.

Rodents - Rodent contamination of the finished product may result from using rodent defiled raw materials, exposure to rodents during processing, and by rodent depredation of the finished product. When evidence of rodents are discovered, you should thoroughly describe its composition, quantity, estimated age and location. Explain its significance and potential for product contamination.

Pesticides - Pesticide contamination of the finished product may be the result of mishandling of food products at any stage in manufacturing or storage. The use of toxic rodenticides or insecticides in a manner, which may result in contamination, constitutes an insanitary condition. Where

careless use of these toxic chemicals is observed, take photographs and provide other documentation showing its significance in relation the food products.

Additional guidance can be found in 21 CFR as follows:

1. Part 110.20(b) - Plant Construction and Design,
2. Part 110.40(a) - Equipment and Utensils,
3. Part 110.35(c) - Pest Control,
4. Part 110.10(b) - Personnel Cleanliness.

Additional guidance can be found in 40 CFR Part 180 - Tolerances and Exemptions From Tolerances For Pesticides in Food Administered by The Environmental Protection Agency as follows:

1. Part 180.521 - Fumigants for grain-mill machinery; tolerances for residues, and
2. Part 180.522 - Fumigants for processed grains used in production of fermented malt beverages; tolerances for residues.

Be alert for:

1. Possible PCB contamination. Articles containing PCB's (e.g., transformers, PCB containers stored for disposal, electrical capacitors) must be marked with prescribed labeling to show they contain PCB. No PCB-containing heat exchange fluids, hydraulic fluids or lubricants are allowed used in food plants. All PCB storage areas must be marked to show the presence of PCB's. Observe food plant transformers for possible leakage. If observed, determine if food items are stored in the area, and sample for PCB contamination. If PCB's are encountered in a food establishment, immediately advise management this is an objectionable condition and advise your supervisor.

2. Possible mix-up of pesticides or industrial chemicals with food raw materials.

3. Improperly stored pesticides or industrial chemicals (lids open, torn bags in close proximity to foods, signs of spillage on floors, pallets, shelves, etc.).

4. Incorrect application methods including excessive use. Many pesticide labels give instructions for use and precautions on the container.

5. Improper disposal or reuse of pesticide or industrial chemical containers.

6. Evidence of tracking powder or improper use of bait stations or baited traps.

7. Improper handling of equipment. Movable or motorized equipment used for handling possible chemical contaminants should not be used for handling food products unless they are thoroughly decontaminated. For example, fork-lifts moving pallets of pesticides should not also be used to move pallets of flour, etc.

8. Use of unauthorized pesticides.

9. Use of foods treated with pesticides and marked "Not For Human Consumption" (e.g., Treated seed wheat, etc.).

10. Noticeable odor of pesticides.

11. Careless use of machinery lubricants and cleaning compounds.

12. Chemical contaminants in incoming water supply.

When inspecting products with a known potential for metals contamination, determine whether the firm tests for such contamination in raw materials.

Determine who administers the firm's rodent and insect

control program. Determine responsibility for the careless use of toxic materials.

If pesticide misuse is suspected, obtain the following information;

1. Name of exterminator and contract status,
2. Name of pesticide,
3. Name of pesticide manufacturer,
4. EPA registration number,
5. Active ingredients, and
6. Any significant markings on pesticide containers.

Fully document the exact nature of any pesticide or industrial chemical contamination noted or suspected. If samples are collected to document misuse, exercise caution to prevent contamination of the immediate area of use, product or yourself.

Other - Contamination of food products by bats, birds and/or other animals is possible in facilities where food and roosting facilities are available. Examine storage tanks, bins, and warehousing areas to determine condition and history of use. There have been instances where empty non-food use containers were used for food products.

536.02 - Microbiological Concerns

During the inspection, you must fully identify likely sources and possible routes of contamination of the product. See IOM 427.07 for instructions on sampling for pathogens. Before and during processing, become completely familiar with the flow of the process and determine the potential trouble spots, which may be built into the operation. To document the establishment is operating in an insanitary manner, it is necessary to show the manufacturer has contributed to the bacterial load of the product. If there are several products being prepared at once, do not try to cover the entire operation during one inspection. Select the product which has the greatest potential for bacterial abuse or which poses the greatest risk for the consumer.

It is extremely important each EIR contain complete, precise, and detailed descriptions of the entire operation. The EIR must be able to stand alone without the analytical results, which serve to support the observations.

Observations made during the inspection must be written in clear and concise language. The EIR will be reviewed in conjunction with analytical results of in-line, environmental and finished product samples. Based on this review and other information, which may be available, the district must then decide if the total package will support a recommendation for regulatory action.

Each inspection/process will be different, but the techniques for gathering the evidence will be the same. However, the critical points in the operation should always be defined and special attention given to these areas.

Depending on the type of product being produced and the process being used, it may be useful to record the time each critical step takes from beginning to end of the entire processing period with correlating temperature measurements. This should be done especially for products, which would support the growth of microbial pathogens. During the entire inspection, be aware of and document delays in

the processing of the product (e.g., **temperature** of product prior to, during and after the particular processing step, and **the length of time** the product has been delayed prior to the next step).

Some products receive a thermal process at the end of production, which may reduce bacterial counts to or near zero. Include detailed observations of heating step, temperature, length of time, controls and documentation used/not used by the firm. Even in the presence of end-product thermal processing, there is a regulatory significance to insanitary conditions prior to cooking, coupled with increases in bacterial levels demonstrated through in-line sampling.

Processing Equipment: Document the addition, or possible addition of pathogenic microorganisms from accumulated material due to poorly cleaned and/or sanitized processing equipment

Observe and report the firm's clean up procedures and the condition and cleanliness of food contact surfaces before production starts, between production runs and at the end of the day. Document any residue on food contact surfaces of equipment, especially inside complex equipment not easily cleaned and sanitized. Report firms clean-up procedures in depth, since it may lend significance to insanitary conditions of residues on the plant machinery which are left to decompose overnight or between shifts. Where possible, observe equipment both before and after cleaning to assess its adequacy. Observations of residues on plant machinery can dramatically document the addition of pathogenic microorganisms, if present, into the product.

Identify any vectors of contamination (e.g. birds, rodents, insects, foot traffic, etc.), and describe sources and the routes of contamination from them to the product. Support this with your actual observations.

Employee practices: document any poor employee practice and how they have or would provide a route for contaminating the product. For example, did employees (number/time of day) fail to wash and sanitize their hands at the beginning of processing, after breaks, meals, or after handling materials likely contaminated with a microbial pathogen, etc.; and then handle the finished product. Did employees handle product in an insanitary manner (cross contaminating raw product with cooked product, etc., how many, how often,).

536.03 - Storage

Evaluate the storage of finished products in the same manner as for raw materials. Determine if products are stored to minimize container abuse, facilitate proper rotation, and adherence to the storage requirements. This includes refrigeration temperatures, critical temperature tolerance, aging of products, and proper disposition of distressed stock.

Food Transport Vehicles - During food sanitation inspections, (See IOM 511.02 regarding issuance of FDA 482, Notice of Inspection while inspecting vehicles.), conduct inspections of food transport vehicles to include:

1. Evidence of insanitary conditions,
2. Conditions which might lead to food adulteration,
3. Physical defects in the vehicle,

4. Poor industry handling practices.

The following types of transport vehicles should be covered:

1. Railroad boxcars, both refrigerated and non-refrigerated, and hopper cars.
2. Any type of truck used to transport foods; both refrigerated and non-refrigerated.
3. Use extreme caution, if it is necessary to inspect tank railcars or tank trucks. Usually this coverage will be limited to determining what was transported in the tank previously and was the tank cleaned and/or sanitized as necessary between loads.
4. Vessels used to transport food in I/S commerce. Direct coverage primarily to intercoastal type vessels, including barges.

Coverage should be limited to food transport vehicles used for long haul (I/S) operations. Long haul vehicles are defined as those which travel at least 150 miles between loading and unloading or which do not return to the point of loading at the end of the day.

Regulatory actions are possible if unfit cars are loaded and, as a result of loading, adulteration occurs. Fully document any violations noted with appropriate samples and photographs. When vehicle sanitation is observed, it is imperative the carrier's and shipper's responsibility for the food adulteration be documented by appropriate evidence development, such as;

1. The nature and extent of the conditions or practices, and
2. The mechanical or construction defects associated with the food transport vehicle.
3. Individual responsibility for vehicle or trailer cleaning, vehicle assignments, load assignments, etc.

If gathering evidence about a single carrier, seek a series of occurrences at numerous locations involving as many different shippers as possible.

Basically two types of vehicles will be covered:

Vehicles at Receivers - When inspecting receivers of food products, examine the food transport vehicle prior to or during unloading. Make a preliminary assessment of food product condition, then inspect the vehicle after unloading to determine its condition and whether the unloaded food may have been contaminated during shipment. If the food appears to have been adulterated, collect a sample(s) for regulatory consideration. Samples collected from vehicles, which have moved the product in interstate commerce are official samples. You may also collect Documentary (DOC) Samples from the vehicle to substantiate the route of contamination.

Vehicles at Shippers - When inspecting shippers of food products, examine the food transport vehicle just prior to loading to determine its sanitary/structural conditions. If the vehicle has significant sanitation or structural deficiencies, notify the shipper of these conditions and of the possibility of product adulteration. If the shipper loads food aboard the vehicle, alert your supervisor so he/she can contact the FDA District where the consignee is located for possible follow-up. You may also collect samples from the load. These samples will become official when the bill of Lading is issued.

537 - DISTRIBUTION

Interstate Shipping - Report the general distribution pattern of the firm. Review shipping records or invoices to report shipment of specific lots. If access to invoices or shipping records is not possible, observe shipping cartons, loading areas, order rooms, address stencils, railroad cars on sidings, etc., to determine customer names, addresses and destination of shipments. If no products are suspect, obtain a listing of the firm's larger consignees.

Promotion and Advertising - Determine the methods used to promote products and how the products reach the ultimate consumer. Determine what printed promotional materials are used and whether they accompany the products or are distributed under a separate promotional scheme. Check on the possibility of oral representations, i.e., door-to-door salesmen, spielers, etc. and obtain copies of brochures, pamphlets, tearsheets, instructions to salespersons, etc. Where indicated, obtain the lecture schedule of any promotional lecture program. If applicable, determine the general pattern of the media used for promotion and advertising.

Recall Procedure - Determine the firm's recall procedure. Audit enough records to determine the effectiveness of established procedures. Report if there is no recall procedure.

Complaint Files - Review the firm's complaint files. Where possible, copy the names and addresses of representative complainants; include a brief summary of each significant complaint in the EIR.

Identify who reviews complaints and their qualifications. Describe the criteria used by the firm in evaluating the significance of complaints and how they are investigated. Determine if records are kept of oral and telephone complaints. See IOM 517 for discussion of complaints with management and IOM 593.03 for reporting of complaints in the EIR.

Complaints may not be filed in one specific file, but may be scattered throughout various files under other subject titles including Product name; Customer name; Injured party name; Adjustment File; Customer Relations; Repair orders, etc.

During the inspection investigate all complaints contained on FDA-2516 & FDA-2516a forms in the firm's district factory jacket. See IOM 517, 530.01 & 593.03.

538 - OTHER GOVERNMENT INSPECTION

Federal - See IOM 300 for general procedures on cooperating with other Federal, State, and local officials.

During Establishment Inspections determine the specific type of inspection service and inspecting units, which cover the firm, such as the name of the federal, state, county, or city health agency or department. Obtain the name and title of the inspectional official, and general method of operation.

Do not inspect firms, or those portions of the plant, subject to compulsory, continuous inspection under USDA's Meat Inspection Act, Poultry Products Inspection Act, or Egg Products Inspection Act, except on specific instructions from your supervisor or assignment document.

Ingredients or manufacturing processes common to both USDA and FDA regulated products should be inspected by FDA. See IOM 311.03 for FDA-USDA Agreements in specific areas.

Provide routine FDA coverage of such firms as breweries and wineries, which may be intermittently inspected on a compulsory basis by the U.S. Treasury Department, U.S. Public Health Service, or other agencies.

All products inspected under the voluntary inspection service of the Agriculture Marketing Service (AMS), USDA, and the National Marine Fisheries Service (NMFS), US Department of Commerce, are subject to FDA jurisdiction and are usually given routine coverage. However, formal written Agreements or Memoranda of Understanding between FDA and other agencies are often executed and may govern the agreeing agencies' operations on this type inspected plants. When assigned this type of plant for inspection, always check to see if an Agreement or a Memorandum of Understanding exists between FDA and the agency involved to determine the obligations of both agencies. See IOM 302.01 & 310.

If you are assigned to cover a Federally Inspected plant which is under either compulsory or voluntary inspection, present your credentials and an FDA 482 "Notice of Inspection" to management and:

1. Identify yourself to the inspector(s) and invite him/her to accompany you on the inspection but do not insist on their participation.

2. At the conclusion of the inspection offer to discuss your observations and provide the in-plant inspector with a copy of your Inspectional Observations (FDA 483).

State and Local - State and local officials usually have extensive regulatory authority over firms in their area regardless of the interstate movement or origin of the food products involved. Joint FDA-State or local inspections are frequently conducted. These are usually arranged by district administrative or supervisory personnel. See IOM 302 and 330.

Grade A Dairy Plant Inspections - If you are assigned to do an inspection or sample collection at a dairy firm in the Grade A program or a firm which has products labeled and sold as Grade A, you should verify the need to complete the assignment with your supervisor and the Regional Milk Specialist. Grade A plants and most products labeled as Grade A are inspected by state inspectors or FDA's Regional Milk Specialists and you should not inspect these products. Firms in the Grade A program and covered by the Interstate Milk Shippers (IMS) program are identified in the Interstate Milk Shippers List of Sanitation Compliance and Enforcement Ratings book published every year by the Milk Safety Branch, HFS-626. The reference lists the specific plant and each product covered under the IMS program. These products are covered by a MOU between the FDA and the states, which places primary inspectional responsibility with the state.

There are situations where you will need to conduct an inspection in a Grade A plant and cover products they manufacture which do not carry the "Grade A" designation (such as juices). If the plant is an IMS shipper and has fluid or other products rated as acceptable they may also manufac-

ture optional products and label them as Grade A, without having those product lines covered in the IMS program. Fluid products, sour cream, cultured milk products and yogurt are not optional products. Optional products include cottage cheese, condensed milk/whey and dry milk/whey and may be labeled as Grade A. As an example, some firms are listed in the IMS Sanitation Compliance and Enforcement Ratings book who manufacture cottage cheese and label it as Grade A, but is not specifically covered under the Grade A inspection program. As long as the plant is listed and has one or more products rated as acceptable in the Grade A program, they can manufacture a product and label it as Grade A without having the particular product line covered in the IMS program. In those situations, the product will not be shown in the Enforcement Ratings book and you should cover its production, labeling, etc.

539 - FOOD STANDARDS

The Federal Food, Drug, and Cosmetic Act requires the Secretary of Health & Human Services to promulgate reasonable definitions and Standards for food to promote honesty and fair dealing in the interest of consumers. When a Standard becomes effective, it establishes the common or usual name for the article, defines the article and fixes its standard of identity. It is then the official specification for the food. The food industry actively participates in the development of a Standard, and supplies much of the data upon which the regulation is based.

The Food Standards (FS) Inspection is made to obtain data for use, together with information from other sources in developing a Food Standard. Food Standard inspections are also made to determine a firm's compliance with food standards regulations, when manufacturing a standardized food.

539.01 - Food Establishment Inspection

Food Standard (FS) inspection assignments usually originate from CFSAN. When an inspection is planned for the purpose of collecting data to support a proposed food standard regulation, the district may elect to advise the firm, if the CFSAN has not already done so. If the firm selected does not choose to cooperate, it may be necessary to visit additional plants in order to obtain the desired information. Selection of additional firms should be done in consultation with the CFSAN.

Some firms often contend their entire process and formulas are "trade secrets". Attempt to persuade management the term "trade secret" should only be used to cover the process and/or quantitative-qualitative formulation which is truly unique to the firm. In instances where the firm is reluctant to release any of the information requested, point out FDA will, within the limits of the Freedom of Information Act, make every effort to preserve the confidentiality of the composition, make-up, and production levels of the product through the use of codes, which cannot be traced back to the firm. Include as much of the compositional and processing information as you can in the body of the report, without violating the firm's confidence.

539.02 - Food Inspection Report

FS EIR's may be used as exhibits at public hearings and are subject to review by any interested party.

Three copies of the report are prepared. The original and one copy will be submitted to the CFSAN and one copy kept for the district file. Sign the original and duplicates of the first and last pages of each report sent to the Center.

Divide the report into three sections:

1. Establishment Inspection Record (EI Record) - In order to relate the sections of the report to each other and to any assignments, and to assure any parts of the reports made public will not be identified as to the name of the firm or individuals therein, each district will set up a master list of numbers. One number will be assigned to each establishment covered, e.g., "BLT FS-3". For each FS Inspection place the assigned number next to the firm name on the EI Record. All other pages of the report shall be identified only by this number, the name of the commodity, and date. Example: "EIR Frozen Fish Sticks 10-3-87 BLT FS-3". This indicates a FS EI of frozen fish sticks conducted by Baltimore District on 10-3-87 in a plant designated as #3.

Where a producer may be reluctant to release any of the information requested, point out the FDA will, within the limits of the FOIA, make every effort to preserve the confidentiality of the composition, make-up, and production levels of his product through the use of codes, which cannot be traced back to the firm.

2. Body of Report - Prepare the body of the report following the narrative outline as for any other food EIR except for the restrictions below.

The body of the FS report should also contain information in regard to the approximate annual value and volume as well as the percent of interstate business for each product covered. This is necessary because the coversheet, which contains this information, identifies the firm and will not be made public. Processes and the listing of raw materials used by the firm, which are not restricted by the term "trade secret" should be included. Any opinions, recommendations, or other information obtained or offered by individuals interviewed should be reported. Any suggestions made by individuals interviewed regarding what should be placed in the Standards for the products covered should be included. All individuals interviewed, firm name, etc. should have an identifying code assigned.

The body of the report should not include names and titles of individuals, (including USDA, USDI, or other inspectors), trade secret information, labeling, trade names, formulas, sample numbers, firm name or location of plant (other than by state or region), shipments, or other distribution information, legal status, or regulatory history. This information will be placed in the "Special Information" section of the report.

3. Special Information Section - this is a separate attachment to the EIR which lists the names and titles of individuals (including other government inspectors) and firms with a reference code for each. The EIR should refer only to "Mr. A.," "Mr. B.," "Firm X," "Firm Y", etc. Do not use the firm or individual's actual initials in the body of the report. Include all information excluded from the body of the

report and mount all labels obtained during the EI Labels may be quoted in the body of the report, but do not identify the firm. List the "Special Information Sheet" in the FACTS endorsement section as an enclosure.

Supplemental Reports - If, because of an additional visit or visits to the same firm on the same project, it is necessary to prepare another EIR, flag the report with the same number as assigned to the original report. For example, mark the EI Record "BLT FS-3 Supplemental Report", and the remaining pages, "EIR Frozen Fish Sticks 10-25-87 BLT FS-3 Supplemental Report."

539.03 - Violative Inspections

When an inspection made in connection with the Food Standards project shows insanitary or other conditions which are not germane to the assignment or in the District's opinion suggests regulatory action, an appropriate narrative of the violative conditions should be prepared as a Regulatory Addendum.

SUBCHAPTER 540 - DRUGS

540 - DRUG INSPECTIONS

Authority for inspection is discussed in IOM 701. FD&C Act Sections 501(a)-(d) [21 U.S.C. 351(a)-(d)] describe the ways in which a drug may be or may become adulterated. Section 502 of the FD&C Act [21 U.S.C. 352] does much the same, with respect to drug labeling. Therefore, the purpose of a drug inspection is:

1. to determine and evaluate a firm's adherence to the concepts of sanitation and good manufacturing practice;
2. to assure production and control procedures include all reasonable precautions to ensure the identity, strength, quality, and purity of the finished products;
3. to identify deficiencies which could lead to the manufacturing and distribution of products in violation of the Act, e.g., non-conformance with Official Compendiums, super/sub potency, substitution;
4. to obtain correction of those deficiencies;
5. to determine if new drugs are manufactured by essentially the same procedures and formulations as specified in the New Drug Approval documents;
6. to determine the drug labeling and promotional practices of the firm;
7. to assure the firm is reporting NDA field alerts as required by 21CFR314.81;
8. to determine if the firm is complying with the requirements of the Prescription Drug Marketing Act (PDMA) and regulations; and
9. to determine the disposition of Drug Quality Reports (DQRS) received from the Division of Risk Management and Surveillance/CDER.

540.01 - Preparation and References

Become familiar with current programs related to drugs. Determine the nature of the assignment, i.e., a specific drug problem or a routine inspection, and if necessary, consult

other district personnel, such as chemists, microbiologists, etc. Review the district files of the firm to be inspected including:

1. Establishment Inspection Reports,
2. District Profiles,
3. New and Investigational Drug Applications,
4. Sample results,
5. Complaints,
6. Regulatory files,
7. Antibiotic Applications.
8. Drug Quality Reports (DQRS) & NDA Field Alert Reports (FARS)

During this review identify products which:

1. Are difficult to manufacture,
2. Require special tests or assays, or can not be assayed,
3. Require special processes or equipment, and
4. Are new drugs and/or potent low dosage drugs.

Review the factory jacket, FACTS OEI and registration/listing data, and all complaint reports which are marked follow-up next inspection. These complaints are to be investigated during the inspection and discussed with management. See IOM 516.

Become familiar with current regulations and programs relating to drugs, CPGM 7356.002, et al. When making GMP inspections, discuss with your supervisor the advisability of using a microbiologist, analyst, engineer, or other technical personnel to aid in evaluating those areas of the firm germane to their expertise. Review the FD&C Act, Chapter V, Drugs and Devices. Review parts of 21 CFR 210/211 applicable to the inspection involved and Bioavailability (21 CFR 320).

Review the current editions of the United States Pharmacopeia (USP), and Remington's Pharmaceutical Sciences for information on specific products or dosage forms. Also IOM Chapter 10 provides a consolidated list of pertinent guides and guidelines which may be applicable during drug inspections.

Review 21 CFR 203 "Prescription Drug Marketing", 21 CFR 205 "Guidelines for State Licensing of Rx Drug Distributors", and CP 7356.022, Enforcement of the Prescription Drug Marketing Act (PDMA). Survey summary reports are posted on the Division of Compliance Risk Management and Surveillance/CDER website for the Districts' review in planning drug inspections.

540.02 - Inspectional Approach

In-depth inspection of all manufacturing and control operations is usually not feasible or practical. An audit approach is recommended in which therapeutically significant drugs and those drugs, which are difficult to manufacture, are covered in greater detail.

The bioavailability regulations, 21 CFR 320, cover those drugs, which are therapeutically significant and for which manufacturing changes can affect efficacy. Some manufacturers have difficulty in complying with the dissolution specifications established for many products. Also, significant problems are not uncommon with timed release or delayed release drugs requiring multiple dissolution (release) tests.

If reworked products are encountered, validation of their manufacturing procedures and justification for reworking should be reviewed. Written investigation reports, which are required for any product failing to meet an established specification, should also be reviewed and evaluated.

For those drug manufacturers marketing a number of drugs posing potential bioavailability problems, identify suspect products by:

1. Reviewing the firm's complaint files early in the inspection to determine relative numbers of complaints per product.
2. Inspecting the quarantine and/or rejected product storage area to identify rejected product.
3. Examining annual reviews performed under 21 CFR 211.180(e) to determine those products which have a high reject rate.
4. Reviewing summaries of laboratory data or laboratory workbooks.

Attempts should also be made to determine the attitude or philosophy of top management and how they react to problems, such as, batch rejections, and how they investigate product failures.

540.03 — CDER Bio-research Monitoring (BiMO)

Bio-research monitoring (BiMO) assignments for drugs will generally be issued by the Center for Drug Evaluation and Research (CDER) (see IOM 545).

541 - DRUG REGISTRATION & LISTING

Registration and listing is required whether or not interstate commerce is involved. See Exhibit 540 and IOM 771.01 for additional information.

Two or more companies occupying the same premises and having interlocking management are considered one establishment and usually will be assigned a single registration number. See IOM 501.04 - Multiple Occupancy Inspections for additional information.

Vitamin manufacturers are required to register unless their products are used solely in food supplements and do not become drugs or components of drugs. In most cases, bulk vitamin manufacturers should register unless they can demonstrate the ultimate use and labeling of their products in foods or food supplements. Independent laboratories providing analytical or other laboratory control services on commercially marketed drugs must register.

The FACTS will indicate if the establishment is registered for the current year. If you determine registration and listing is required, advise your supervisor. After checking for past registration, cancellation, etc., the district will provide the firm with the proper forms and instructions.

542 - PROMOTION AND ADVERTISING

21 CFR 202.1 which pertains only to prescription drugs, covers advertisements in published journals, magazines, other periodicals, and newspapers, and advertisements broadcast through media such as radio, television, and

telephone communication systems. Determine what department or individual is responsible for promotion and advertising and how this responsibility is demonstrated. Ascertain what media (radio, television, newspapers, trade journals, etc.) are utilized to promote products.

Do not routinely collect examples of current advertising. Advertising should be collected only on assignment, or if, in your opinion, it is clearly in violation of Section 502(n) of the FD&C Act [21 U.S.C. 352 (n)] or 21 CFR 202.1.

543 - GUARANTEES AND LABELING AGREEMENTS

Determine the firm's policies relative to receiving guarantees for raw materials, and issuing guarantees on their products. Also determine firm's practices regarding shipment of unlabeled drugs under labeling agreements. See IOM 526.

544 - NEW DRUGS, ANTIBIOTICS, INVESTIGATIONAL DRUGS

544.01 - Drug/Dietary Supplement Status

In instances where the drug/dietary supplement status of a product is unclear, the investigator should collect all related labeling and promotional materials including pertinent Internet web sites. This labeling and promotional material is often useful in determining the intended use of a product (See 21 CFR 201.128). Labeling, promotional materials and Internet web sites often contain information, for example, disease claims, that can be used to determine the intended use of a product and thereby if it is a dietary supplement or a drug and an unapproved new drug.

Further, the presence of synthetic ephedrine HCl, or the manipulation of red yeast rice to increase the presence of lovastatin, can exclude a product from being considered a dietary supplement within the meaning of the FD&C Act, 201(ff) [21 U.S.C. 321 (ff)].

Check the current programs in your CPGM, Section 505 of the FD&C Act [21 U.S.C. 355] and 21 CFR 314.1 for required information. You may take the District's copy of the NDA into the plant as a reference during the inspection.

Document and report all deviations from representations in the NDA even though they may appear to be minor.

Antibiotics - Provide the same inspectional coverage as for other drugs. Refer to the approved antibiotic application to facilitate your evaluation of the firm's operation.

Investigational Drugs - Follow the instructions in pertinent programs in your CPGM or as indicated in the specific assignment received.

Clinical Investigators and/or Clinical Pharmacologists - Inspections in this area will be on specific assignment previously cleared by the Administration. Follow guidance in the CPGM or assignment.

545 - BIO-RESEARCH MONITORING

Inspectional activities in the bio-research monitoring (BiMO) programs involve all product areas and Centers,

including In Vivo Bio-equivalence, Good Laboratory Practice (GLP) for Non-Clinical Laboratories, Institutional Review Boards (IRB), Sponsors, Monitors, Contract Research Organizations, and Clinical Investigators (CI). In most instances, inspections conducted under this program will be done on assignment from the respective Center and occasionally with the participation of Center personnel as part of the inspection team.

During team inspections with Center personnel, the Field Investigator is the team leader. See IOM 502.04. The Compliance Program Guidance Manual (CPGM) for each program provides a description of the program and detailed instruction for conducting inspections.

Districts will make the initial classification of inspections and the Center issuing the assignment will make the final decision after review.

546 - Adverse Event Reporting

21 CFR Parts 310.305, 314.80, and 314.98 require reporting of adverse events occurring in connection with the use of marketed FDA regulated human drug products. Responsible firms include holders of NDAs and ANDAs, and applicants, and manufacturers, packers and distributors of marketed prescription drug products that are not the subject of approved NDAs or ANDAs. Firms must maintain current Standard Operating Procedures (SOPs) and must maintain records of documents related to adverse events. Responsible firms must submit the event information to FDA in reports. The events must be evaluated to determine if they have had a serious outcome such as death, disability, hospitalization, life threatening, or were included in the current labeling for the product.

For headquarters-initiated investigations, field investigators should contact the assigning Office of Compliance staff prior to beginning the investigation to obtain specific instructions and current documents to be used during the investigation.

549 - DRUG INSPECTION REPORT

See IOM 100 English language requirement. The requirements in IOM 593.03, "General Elements" below, and any applicable Compliance Program Guidance Manuals can be used to help you prepare your report. This does not cover the reporting requirements for a directed inspection with a narrow focus, such as a complaint follow-up or investigation into a recall. In those cases, use your judgment and guidance in IOM 593 about the depth of reporting required.

NOTE: The information is arranged by report section headings used in IOM 593.03 and you may use the sub-headings as needed. The data should be presented in a logical manner with similar data grouped together. Some information such as the firm name & FEI number may be placed in the report header. You can combine section headings. When you do, cover the items requested under each heading description in the combined heading.

For each of the General Element Areas, guidance about the expected content of the section is provided for only

those elements not covered in IOM 593.03. This format does not require full and detailed narratives for every area for every inspection. The firm's state of compliance, the previous inspectional report and information, complexity of operations and other aspects all are determinants in how much reporting will be necessary. In many cases, brief summaries addressing the format areas will be sufficient.

GENERAL ELEMENTS

It may be necessary to include this additional information for initial inspections, when there has not been a complete narrative for a number of years or for other reasons.

Table of Contents - For long reports, list report sections with page numbers.

Summary

Areas and Functions not Inspected - Generally describe any areas or processes of the firm not covered during your inspection.

History

Customers

1. For foreign inspections, list US consignees to whom the firm's product is shipped.
2. For API and component manufacturers, this includes consignees who use the product in their manufacturing of products intended for the US market, if known.
3. For domestic firms, identify the general types of customers and provide the names and addresses for several regular customers of a few of the firm's products.

Jurisdiction (Products Manufactured and/or Distributed)

Packaging & Labeling - The label, labeling and promotional materials are a critical part of determining a product's intended use.

1. In instances where a regulatory action is being considered based on product labels, labeling, and/or other promotional materials, including any Internet websites, it is imperative all such documentation be collected. This would include all written, printed or graphic matter upon the immediate container of an article or accompanying such article (the product's label and labeling, see FD&C Act, 201(k) and (m) [21 U.S.C. 321(k) and (m)] and IOM 435.01). Accompanying labeling could include for example, brochures, pamphlets, circulars, and flyers, as well as audio and video tapes.
2. You should also review and copy all related Internet web sites for information concerning, for example, promotional statements made for the firm's products.
3. In cases where there may be a dispute about whether a product is a drug or a dietary supplement, all materials which claim a product can be used for the treatment of any disease should be collected.

Individual Responsibility

U.S. Agent/Broker - Report the name, title, physical and mailing address, phone and fax number and e-mail address of any US Agent or broker who represents the company when dealing with FDA.

Consultants

1. For individuals hired by the firm to provide guidance and advice, obtain their names, addresses, and qualifications.
2. Identify those associated with key or critical processes such as sterilization validation.

Manufacturing/Design Operations

Description of Facility - Describe the overall layout of the facility. Include critical facility features or equipment such as the HVAC system, room classifications, sterilization equipment, systems design for cross contamination prevention and other specialty designs. A diagram may be included.

Equipment - Generally describe the firm's manufacturing equipment. Equipment is not expected to be described in detail unless it is new, significantly changed, related to a deviation from GMPs, or requested in the inspection assignment. This section would include information about qualification, calibration, maintenance, cleaning and validation. Your descriptions can be presented in subheadings if the information is extensive.

Component & Materials Control

1. Report procedures for the receipt, storage, and analysis of materials, including containers and closures, used to produce product.
2. Describe procedures for the control of released, quarantined, and rejected materials for raw materials, containers, closures, in-process material and finished products.

Reprocessing/Reworking

1. Describe the procedures used to reprocess or rework non-conforming material to bring it into compliance with specifications. This could include the repeating of a step or steps in the normal processing sequence. It may involve a method, which is not part of the validated process, or may not be part of the firm's NDA or NADA.
2. If you encounter reprocessing/reworking, report if the procedure is approved and the process validated.

Water Systems

1. Describe the major components of any water system used in manufacturing or processing, especially Purified Water and Water for Injection (WFI) Systems.
2. Include qualification and validation studies, plus maintenance and monitoring programs. System schematics may be attached as necessary.

Computer Systems

1. Describe the functions and validation program for all computer systems used to control manufacturing, control electronic record keeping and signatures, or any other GMP function.
2. Include data integrity, data security, and prevention of improper data manipulation.

Scale-Up Procedures

1. Describe the firm's procedures for scaling up from pilot to commercial size production.
2. Determine if equipment is available, parameters & specifications for full-scale production have been established, and if not, how the firm plans to establish them.

QA/QC Systems

1. Describe the firm's organization, responsibilities, and procedures for quality control and quality assurance.

2. Describe any deviations from regulatory or application requirements, or the firm's own quality control requirements.

Contracting Services/Vendors

1. Describe the location, site name and any manufacturing, laboratory or other testing operations performed at other sites.
2. Include the firm's procedures to audit contractors and vendors.

Product Reviews/Discrepancy/Failure Evaluation and Reporting Systems

1. Describe how the firm conducts its "annual product review" and summarize your coverage of one or more of these activities.
2. Summarize the firm's procedures for documenting and investigating systems, production, testing deviations, failures from validated processes and Out of Specification (OOS) results.

Records/Reports/Documentation Control - Describe the firm's procedure for creation, approval and maintenance of required procedures, records, etc. for production, control, or distribution of pharmaceutical products. This includes raw data and other items such as annual product reviews, complaints, recalls and returned or salvaged drug product records. Includes electronic record / signature compliance. Includes QC control, approval, and review.

Planned Future Changes - Describe details of any proposed site changes or significant changes to the company's operation.

Complaints**Adverse Event Reports**

1. Describe the firm's reporting procedures (including designated office with final authority) for receipt, tracking, surveillance and control activities.
2. Include a brief summary of what you reviewed.

Additional Information

Training Program - Obtain a description of the firm's training program for production and testing personnel. This should document if personnel are adequately trained to perform the specific operations within the firm, and reflect if personnel performing the manufacturing operations are trained in GMPs.

Laboratory Operations

Testing/Laboratory Operations - Describe testing operations performed to assure product quality. Include all procedures and record keeping, sampling, testing or examination of components, in-process materials, finished product, containers and closures, stability tests, OOS laboratory investigation procedures, validation of methods, reference standards, and calibration of analytical equipment.

Analytical Laboratories - Information about the structure of the firm's laboratories (QC, QA, R&D, and Microbiology), their locations, and the identification of different operations performed in these laboratories. The description may also include listing of instruments and equipment in these laboratories, as well as the names of supervisors or the organizational charts of these laboratories.

Lab Equipment Calibration & Qualification

1. A summary of the instruments used to test and monitor regulated products (number, types, and brands). Includes qualification, calibration and maintenance records reviewed, including in-house and vendor logbooks.

2. Microbiology sections may include laboratory autoclave and depyrogenation oven equipment certification or qualification. Laminar flow hoods, biosafety cabinets, pH meters, autoclaves, isolators, incubators, refrigerators or freezers including daily temperature records as well as maintenance or repairs, etc.

Microbiology Quality Control & SOPs - Suitability of specialty laboratory, procedures, equipment or facilities such as sterility testing and bacterial endotoxin testing; qualification of production equipment; depyrogenation tunnel/oven endotoxin challenges, biological indicators. Review of the qualification of production disinfectants using microbial challenges.

Stability Testing, Protocol & Storage Conditions - An evaluation of the firm's stability program which includes the review of applicable SOPs, assuring that the firm is adhering to application commitments, proper sampling and storage conditions.

Sample Accountability & Tracking - A description of the firm's sampling procedures including sample receipt, tracking, and storage in the laboratory.

Sampling and Testing for Acceptance and Rejection of Raw Materials - A description of the firm's sampling and testing protocols for the acceptance or rejection of raw materials (components, containers and closures) to be used in manufacturing of the pharmaceutical products.

Analyst's Notebooks

1. Review SOP's relating to analysts' notebooks, data recording, etc.

2. A review of the accuracy and completeness of the data recorded in analysts' notebooks or worksheets should be done and include review of raw data from associated chromatography, spectra, etc. and other sources generated by laboratory instruments. This review encompasses all analytical testing performed in the laboratory including raw material testing of active ingredients and excipients, in-process, release, stability testing, etc.

Standards/Reagents/Chemicals/Media

1. A description of the firm's testing, standardization, handling, and storage of laboratory reference standards, standard solutions, media, reagents, and chemicals.

2. For a microbiology laboratory, the following may be included: media preparation and formulation, sterilization, storage, growth promotion, bacteriostasis/fungistasis testing, culture handling, storage or identification, etc.

3. Media uses such as analytical testing, environmental and personnel monitoring, production media fills, and growth support for biological indicators must also be documented. Included are outside media, reagent, or equipment suppliers, etc.

Analytical Method Validation - A description of the firm's method validation program. Review should include: accuracy, precision, specificity, detection limit, limit of quantification, linearity, range, ruggedness, and robustness.

Computer System Validation - Information, which iden-

tifies any computer systems used to perform critical functions in the laboratory. A definition of each system should include both hardware and software descriptions along with a description of the functionality of each system. The validation status of each system will be reviewed which will include evaluation of: Developmental validation documentation (if appropriate); change control of software, hardware and associated end user SOP's; Backup systems for controlling software and data files; Security systems to protect program and data integrity; and System design controls which ensure traceability for any altered records. It is important to ensure the Quality Unit at the firm is involved with establishing and maintaining control over all critical computer system related activities.

Method Transfer

1. Information regarding the proper analytical method transfer from R&D laboratories to the QC or contract laboratories where actual analytical testing is conducted. Includes information about the written method transfer protocol, any method-specific training provided to the analysts involved in performing the methods transfer work at the receiving laboratory, any difficulties experienced by the receiving lab, any correspondence between the coordinating and receiving labs regarding any deviation issues during the official transfer process.

2. Also, report any observations or comments regarding the analytical work, raw analytical data or summary report.

OOS Results

1. Information about the adequacy of the laboratory's protocol for the handling and investigation of out of specification (OOS) test results. The assessment should include discussion about the relevant areas, such as: procedures for reporting laboratory errors, responsibilities of laboratory personnel, retesting/resampling, timeframes, requirements for additional testing, guidance regarding when to expand the investigation to an outside laboratory, final evaluation of all test results, conclusions, investigation records, and follow up procedures.

2. In addition, if raw analytical data for any OOS investigation(s) is reviewed, any deficiencies or deviations found should be discussed.

Training Protocol for Lab Personnel - Description of the firm's training program for laboratory personnel. Records should be complete to ensure that personnel are adequately trained to perform specific laboratory functions within the firm.

Contract Testing Lab

1. The written agreement or contract between a contract servicing laboratory and a pharmaceutical company must be reviewed to ensure the agreement states the responsibilities of the contract lab as far as tests performed, the number of tests to be performed, procedures related to OOS results, and the methodology to be used to perform the test(s).

2. Review and generally report in what form and how results are reported to the receiving laboratory.

3. Review the firm's control of all pertinent operations as discussed above in this section.

Stability Program - Evaluate the company's stability program. Include discussions of deficiencies in SOPs, sampling,

chamber maintenance, chamber temperature and humidity specifications, and any stability sample failures.

SUBCHAPTER 550 - DEVICES

550 - DEVICE INSPECTIONS

See IOM 701 for discussion of statutory authority.

The term "device" is defined in Sec. 201(h) of the FD & C Act [21 U.S.C. 321 (h)]. In-vitro diagnostics (21 CFR 809) are devices, as defined in 201(h) of the Act [21 U.S.C. 321 (h)], and may also be biological products subject to Section 351 of the PHS Act.

Inspections involving devices should be made only by those individuals qualified by training and experience in the device area. Electronic product radiation is defined in 21 CFR 1000. Because of the specific nature of inspections and investigations involving radiation, only personnel who have special training in this field should be assigned such work. However, others may participate for training purposes. Specific Compliance Program Guidance Manuals designate the type of individual and special training required for work in these areas.

CAUTION: Radiation-emitting devices and substances present a unique hazard and risk potential. Every effort should be taken to prevent any undue exposure or contamination. Monitoring devices must be used whenever radiation exposure is possible. Investigators should also be on the alert for, and avoid contact with, manufacturing materials and hazards associated with the manufacturing of many types of devices, which may present a threat to health, e.g., ethylene oxide, high voltage, pathogenic biomaterials, etc. See IOM 140 for additional safety information.

550.01 - Technical Assistance

Each region and some districts have engineers and radiological health personnel available for technical assistance and consultation. Do not hesitate to make use of their services.

Engineers, quality assurance specialists, and expert investigators in ORA/ORO/Division of Field Investigations (DFI), HFC-130, (301) 827-5653, are available for on-site consultation and assistance in problem areas. The division's subject matter experts are also available by telephone for consultation and to answer questions regarding regulation and program interpretation and QS/GMP application. Additionally, the CDRH Office of Compliance enforcement divisions (organized by device product) can be contacted as necessary.

WEAC has various personnel (biomedical, sterility, electronic, materials, mechanical, nuclear and plastics engineers) available for telephone consultation and on-site assistance. They can be reached at (617) 729-5700.

550.02 - Sample Collection During Inspection

Because of the limited funds available for samples and the relatively high cost of device samples, it is essential you

consider, in consultation with your supervisor, the following factors before collecting a physical sample of a device:

1. If follow-up to a QS/GMP deviation, will sampling demonstrate the deviation and/or a defective product? Documentary Samples may be more suitable for QS/GMP purposes.

2. Likelihood of the analysis showing the device is unfit for its intended use.

3. Samples costing over \$250.00.

4. Laboratory capability to analyze the sample. See IOM 454.03f for sample routing information.

If you are still uncertain, discuss with your supervisor and contact the CDRH Laboratory or WEAC (781)729-5700 for assistance.

Contact CDRH for assistance as follows:

1. In-vitro Diagnostic Devices - Office of Science & Technology (HFZ-113).

NOTE: Device samples do not require 702(b) portions. Include in the FDA 525 and with the C/R, if destined for different locations, a copy of the firm's finished device specifications, test methods and acceptance and/or rejection criteria.

550.03 - Types of Inspections

General device inspections will be conducted under various Compliance Programs found in the Compliance Program Guidance Manual. The majority of these will be QS/GMP inspections, but often the reason for the inspection will vary. For example, inspections may be conducted to assist the pre-market clearance process (PMA or Class III 510(k)), to specifically address MDR concerns, or to assure in-depth coverage of an aspect of manufacturing (sterility). The following describes some of these inspections.

550.04 - CDRH Bio-research Monitoring Program

Bio-research monitoring (BiMO) assignments for medical devices will generally be issued by the Center for Devices and Radiological Health (CDRH) (see [IOM 545](#)).

551 - MEDICAL DEVICE QUALITY SYSTEM/ GOOD MANUFACTURING PRACTICES

Section 520(f) of the FD&C Act [21 U.S.C. 360j(f)] provides the Agency with authority to prescribe regulations requiring that the methods used in, and the facilities and controls used for, the manufacture, packing, storage, and installation of medical devices conform to good manufacturing practices. The medical device Quality System/Good Manufacturing Practices Regulation (QS/GMP)(21 CFR 820) became effective on June 1, 1997.

21 CFR 820 is established and promulgated under the authority of Sections 501, 502, 510, 513, 514, 515, 518, 519, 520, 522, 701, 704, 801 and 803 of the FD&C Act (21 U.S.C. 351, 352, 360, 360c, 360d, 360e, 360h, 360i, 360j, 360l, 371, 374, 381 and 383). Failure to comply with the provisions of 21 CFR 820 renders a device adulterated under Section 501(h) of the FD&C Act [21 U.S.C. 351(h)].

The regulations promulgated under 21 CFR 820 establish minimum requirements applicable to finished devices, as defined in 820.1(a). This regulation is not intended to apply to manufacturers of components or parts of finished devices, but instead recommended to them as a guide. In some special cases, components have been classified as finished devices (dental resins, alloys, etc.) and are subject to the QS/GMP. Manufacturers of human blood and blood components are not subject to this part, but are subject to 21 CFR 606.

The QS/GMP includes regulations regarding Purchasing Controls, 21 CFR 820.50, Receiving, In-process and Finished Device Acceptance, 21 CFR 820.80, and Traceability, 21 CFR 820.65, that require finished device manufacturers exercise more control over the components they use in their devices. The preamble of the QS/GMP states: "Since FDA is not regulating component suppliers, FDA believes that the explicit addition to the CGMP requirements of the purchasing controls...is necessary to provide the additional assurance that only acceptable components are used." And "...inspections and tests, and other verification tools, are also an important part of ensuring that components and finished devices conform to approved specifications." It further states, "...traceability of components must be maintained so potential and actual problem components can be traced back to the supplier."

The medical device QS/GMP is an umbrella GMP that specifies general objectives rather than methods. It is left to the manufacturer to develop the best methods to meet these objectives. You must use good judgment in determining compliance with the QS/GMP, keeping in mind that it is an umbrella GMP and all requirements may not apply or be necessary. The purpose of the QS/GMP is to assure conformance to specifications and to ensure that all requirements that will contribute to assuring the finished device meets specifications are implemented. You should not insist that a manufacturer meet non-applicable requirements. Refer to IOM Exhibit 550 for types of establishments that are required to comply with the QS/GMP.

551.01 - Pre-Inspectional Activities

Prior to the start of any medical device inspection, the factory jacket or establishment history of the establishment should be reviewed. You should review the previous inspectional findings and subsequent correspondence between the establishment and FDA; any MDR or consumer complaints where it was determined follow-up would occur at the next inspection; and any notifications of recalls since the last inspection.

The following on-line databases should be queried through the CDRH Information Retrieval System (CIRS):

- For Medical Device Reporting (MDR) data (MAUDE),
- Registration and Listing data, and
- 510(k) and PMA summary data (OSCAR);

These databases are accessible to users with individual accounts. Accounts can be requested through the district or regional CIRS liaisons to DFI/Alan Gion (301) 827-5649.

MDR data most useful in preparing for an inspection

includes specific MDRs for the manufacturer (i.e., query by establishment's short name) for the time frame since the last inspection, or MDRs for the generic devices manufactured by that establishment (i.e., query by product code) for some reasonable time frame. This data assists you in determining potential problem areas in the manufacture or design of the device, or lot or batch specific issues.

The establishment's reported registration and listing data should be verified during any GMP inspection to assure there have been no changes and the registration and listing data was accurately reported. Changes or inaccuracies should be immediately reported to the district medical device registration and listing monitor. See also Field Management Directive (FMD) 92.

510(k) and PMA data assists you in determining what devices the establishment is manufacturing and whether any new devices have been designed or changed since the last inspection. This data is useful in focusing the inspection on new or changed devices as well as devices that are higher risk devices, i.e., Class II or III versus Class I.

IOM 510 should be followed in regards to pre-announcement of medical device inspections.

551.02 - High-Risk Devices

There is a designation for devices that are surgically implanted or intended to support or sustain human life and whose failure, when used in accordance with instructions provided in the labeling, could reasonably be expected to result in significant injury or illness. This group of devices is designated as high risk (previously listed as significant risk and critical devices).

When identifying high-risk devices, FDA uses recommendations received from the Device GMP Advisory Committee and the device classification panels. The selection of high-risk devices is independent of the classification of devices into Class I, II, III. High-risk devices are those identified by CDRH as such and appear as an attachment to the Compliance Program Guidance Manual, 7382.845, Inspection of Medical Device Manufacturers, (combines the list of significant risk and critical devices.)

551.03 - Quality Audit

The inspectional approach for identifying inadequate auditing of a quality assurance program is limited by the agency's policy, which prohibits access to audit results. The policy is stated in CPG section 130.300 (7151.02). Under the QS/GMP regulation (21 CFR 820.180 (c)) this prohibition extends to evaluations or audits of suppliers, 21 CFR 820.50(a), and Management Reviews conducted per 21 CFR 820.20. Evidence of inadequate auditing may be discovered without gaining access to the written audit reports. See the Guide to Inspections of Medical Device Manufacturers or Guide to Inspections of Quality Systems for inspectional guidance.

The preamble to the QS/GMP specifically states, "FDA will review the corrective and preventive action procedures and activities performed in conformance with those procedures without reviewing the internal audit reports. FDA

wants to make it clear that corrective and preventive actions, to include the documentation of these activities, which result from internal audits and management reviews are not covered under the exemption at 820.180(c).” Therefore, these corrective and preventive actions and documentation are not excepted from inspectional scrutiny.

The QS/GMP regulation (21 CFR 820.180(c)) requires a manufacturer to certify in writing that audits and reaudits have been conducted whenever requested to do so by an investigator. Investigators through their supervisors should consult with CDRH (HFZ-306) prior to requesting such certification.

551.04 - Records

FDA has distinct authority under section 704(e) of the FD&C Act [21 U.S.C. 374 (e)] to inspect and copy records required under section 519 or 520(g) of the FD&C Act [21 U.S.C. 360i or 360j (g)]. Investigators should only collect copies of documents as necessary to support observations or to satisfy assignments. Manufacturers who have petitioned for and obtained exemption from the QS/GMP are not exempted from FDA authority to review and copy complaints and records associated with investigation of device failures and complaints.

You may advise manufacturers they may mark as confidential those records they deem proprietary to aid FDA in determining which information may be disclosed under Freedom of Information.

Records must be maintained for as long as necessary to facilitate evaluation of any report of adverse performance, but not less than two years from the date the device is released for distribution. Records required by the Radiation Control for Health and Safety Act must be maintained for five years. It is permissible to retain records in photocopy form, providing the copies are true and accurate reproductions.

551.05 - Complaint Files

Complaints are written or oral expressions of dissatisfaction with finished device identity, quality, durability, reliability, safety, effectiveness or performance. Routine requests for service would not normally be considered complaints. However, service requests should be reviewed to detect complaints, and as part of any trend analysis system, and to comply with 820.20(a)(3).

FDA has the authority to require a device firm to open its complaint files, and review and copy documents from the file.

Provisions in the FD&C Act pertaining to FDA review of records are:

1. For restricted devices the FD&C Act in Section 704(a)(2) [21 U.S.C. 374 (a)(2)] extends inspection authority to records, files, papers, processes, controls and facilities bearing on restricted medical devices. See FD&C Act Sec. 704 [21 U.S.C. 374] for a full explanation and for a list of the items, e.g., financial data, which are exempt from disclosure to FDA.

2. For all devices, including restricted devices, refer to

Section 704(e) of the FD&C Act [21 U.S.C. 374 (e)], which provides for access to, copying and verification of certain records.

3. Section 519 of the FD&C Act [21 U.S.C. 360i] requires manufacturers, importers, or distributors of devices intended for human use to maintain such records, and provide information as the Secretary may by Regulation reasonably require.

4. Section 520(g) of the FD&C Act [21 U.S.C. 360j (g)] covers the establishment of exemptions for devices for investigational use and the records which must be maintained and open for inspection.

QS/GMP requirements for complaint files are found in 21 CFR 820.198. GMP requirements for complaint files first became effective on December 18, 1978. The Quality System Regulation, which went into effect on June 1, 1997, added to and modified the requirements for complaint handling. The regulation contains a provision that records maintained in compliance with the QS/GMP must be available for review and copying by FDA (21 CFR 820.180). Complaint files are QS/GMP required records; therefore, the manufacturer must make all complaints received on or after December 18, 1978 and the records of their investigation available for FDA review and copying. EIRs should contain enough information to allow cross-referencing between complaints and MDRs.

21 CFR Part 803/804 require medical device manufacturers to report deaths, serious illnesses, and serious injuries to FDA for which a device has or may have caused or contributed, and manufacturers must also report certain device malfunctions. The MDR reportable events must be maintained in a separate portion of the complaint files or otherwise clearly identified. These complaints must be investigated to determine whether the device failed to meet specifications; whether the device was being used for treatment or diagnosis; and the relationship, if any, of the device to the reported incident or adverse event.

When a firm determines complaint handling will be conducted at a place other than the manufacturing site, copies of the record of investigation of complaints must be reasonably accessible at the actual manufacturing site.

551.06 - In Vitro Diagnostics

By memorandum, dated April, 9, 1999, CBER's Office of Compliance requested that the next inspection of all IVD manufacturers conducted after April 9, 1999 include the completion of an IVD Manufacturer Questionnaire (see Exhibit 550-A).

FDA has identified a potential problem in performing a comprehensive evaluation of occurrences with the human blood and/or blood products that are imported into the U.S., which are regulated by CBER, for further processing into IVDs, which are regulated by CDRH. Currently, neither CBER nor CDRH has a tracking database to establish where and from whom the IVD manufacturers are receiving their imported blood and/or blood products. It cannot be determined at this time if these blood and/or blood products entering the U.S. have had suitable FDA examination or meet blood GMP requirements (21 CFR 606).

CBER has developed a questionnaire to be used during inspections of IVD manufacturers. It is to be used 1) if the IVD manufacturers are using human blood and/or blood products in their IVDs, and if so, 2) what is the source of the product. Information from the IVD manufacturer questionnaire will be evaluated, and tracked in a database, by CBER, Division of Case Management, Import/Export Team.

CBER requests the following:

1. Begin immediately to incorporate the IVD Manufacturer Questionnaire, Exhibit 550-A, into the scheduled QS/GMP inspections for all medical device IVD manufacturers. (Unless the information requested is to be sent electronically, please print the information requested on the form for easier review.)

2. Describe the specifications of the IVD manufacturer for acceptance of the human blood and/or blood products, i.e., standard operating procedure (SOP) or contractual agreements (21 CFR 820.50).

You should incorporate the IVD Manufacturer Questionnaire into all QS/GMP inspections until each establishment has been evaluated using the questionnaire. Either fax the completed form to (301) 594-0940 or mail to FDA/CBER/Office of Compliance and Biologics Quality/Division of Case Management/HFM-610; 1401 Rockville Pike; Rockville, MD 20852-1448; Attention: Import/Export Team. If there are any questions regarding this request contact HFM-610 at (301) 827-6201, or FAX (301) 594-0940.

552 - STERILE DEVICES

Inspections of sterile device manufacturers are conducted per Compliance Program Guidance Manual 7382.845, as a production process under the Production & Process Control Subsystem. See the Guide to Inspections of Quality Systems for further guidance.

553 - LABELING

Specific labeling requirements for in vitro diagnostics (IVDs) are contained in 21 CFR 809.10.

1. Part 809.10(a) contains explicit labeling requirements for the individual IVD containers, and for the outer package labeling and/or kit labeling. Part 809.10(b) contains special labeling requirements for the product insert, which must be included with all IVD products. These two sections also contain the requirements for: lot numbers, allowing traceability to components (for reagents) or sub-assemblies (for IVD instruments); stability studies for all forms of the product; an expiration date, or other indication to assure the product meets appropriate standards; and, the requirements for establishing accuracy, precision, specificity and sensitivity (as applicable).

2. Part 809.10(c) lists the labeling statements required for IVDs which are being sold for investigational and research use. Determine whether the firm is limiting the sale of IVDs, labeled as such, to investigators or researchers. Document any questionable products, and submit to CDRH for review.

Warning and caution statements recommended for certain devices, along with certain restrictions for use, are

described in 21 CFR 801. This same section also contains the general labeling regulations, which apply to all medical devices.

554 - GOVERNMENT-WIDE QUALITY ASSURANCE PROGRAM (GWQAP)

Inspections under the GWQAP are conducted upon request by OE, Division of Compliance Information Quality Assurance (HFC-240). Each assignment is specific and may involve more than a single compliance program. These inspections should be completed within 6 days from the date of the receipt from HFC-240. Specific questions arising during or as a result of these inspections should be directed to HFC-240.

555 - CONTRACT FACILITIES

Device manufacturers may employ the services of outside laboratories, sterilization facilities, or other manufacturers (i.e., injection molders, packagers, etc). In such cases, the finished device manufacturer is responsible for assuring these contractors comply with the QS/GMP and the product or service provided is adequate. These contractors are subject to FDA inspection and the QS/GMP regulation.

Determine how a manufacturer evaluates and selects potential contractors for their ability to meet the manufacturer's requirements, as required by 820.50, Purchasing Controls. Conducting audits can be an effective method for assessment. However, not all contractors allow audits. Audits may not be feasible in some instances. In other instances the activity the contractor is conducting may not have a significant impact on the device safety or function; therefore, expending the resources necessary to audit the contractor may not be warranted.

Evaluations may be accomplished by other means such as requesting that the potential contractor fill out a questionnaire about their quality system, asking other customers of the contractor about their experiences with the firm, or basing assessments on past performance. Evaluations must be documented. The extent to which a manufacturer has evaluated a contractor, as well as the results of the evaluation, should govern the degree of oversight exercised over products and services supplied by the contractor.

556 - SMALL MANUFACTURERS

When inspecting one-person or very small manufacturers for compliance with the QS/GMP master record and written procedure requirements, the investigator should realize that detailed written assembly, process, and other instructional procedures required for larger firms may not be needed. In a small firm, division of work is at a minimum, with one person often assembling and testing the finished device. In many cases, blueprints or engineering drawings could be an adequate procedures. The QS regulation requires that certain activities be defined, documented and implemented. The regulation does not require separate pro-

cedures for each requirement and often several requirements can be met with a single procedure. The complexity of the procedures should be proportional to the complexity of the manufacturer's quality system, the complexity of the organizational structure and the complexity/risk of the finished device being produced. In assessing the need for detailed or lengthy written procedures, the investigator should make judgments based on training and experience of the individuals doing the work and the complexity of the manufacturing process. However, this does not mean small manufacturers have any less responsibility for complying with the QS regulation or assuring safe and effective devices are produced.

557 - BANNED DEVICES

Section 516 of the FD&C Act [21 U.S.C. 360f] provides a device for human use may be banned by regulation (21 CFR 895) if it presents substantial deception or an unreasonable and substantial risk of illness or injury. Investigators should become familiar with this regulation. When you determine, during an inspection or investigation, that banned devices are being distributed, the distribution, manufacture, etc. should be documented as for any other violative product.

559 - DEVICE INSPECTION REPORTS

See IOM 100 English language requirement. You should write your EIR following the guidance in IOM 593, 593.01, 593.02, 593.03. Section headings can be added to address the needs of other Compliance Program Guidance Manuals such as 7383.001 for pre-market and post-market PMA inspections. Include in your report the systems, processes, products, and product classification covered during the current inspection.

Additional information for OAI classified inspections to include in standard narrative reports:

Manufacturing/Design Operations

1. List the name and address where design activities occur if different from the manufacturing site. Include their responsibilities.
2. Include name and address of specification developer if different from either of the above.
3. Describe manufacturing operations by sub system covered in your inspection (Management Controls, Design Controls, Production and Process Controls, Corrective and Preventive Action Controls, Material Controls, Facility and Equipment Controls, and Records/Documents/Change Controls). If a subsystem was not specifically covered during your EI, you do not need to separately describe the general operations of that subsystem.

Manufacturing Codes - Include a description of the system used for identification to maintain control during the manufacturing process, as well as the codes used for traceability (for applicable finished devices).

Additional Information - include names and addresses of all applicable third party installers or servicing organizations used by the manufacturer. Include their responsibilities.

SUBCHAPTER 560 - BIOLOGICS

560 - DEFINITION

A "biological product" means any virus, therapeutic serum, toxin, antitoxin, vaccine, blood, blood component or derivative, allergenic product, or analogous product, or arsphenamine or its derivatives (or any trivalent organic arsenic compound), applicable to the prevention, treatment, or cure of diseases or injuries of man (Public Health Service Act Sec. 351(i)). Additional interpretation of the statutory language is found in 21 CFR 600.3. Biological products are either drugs or devices, depending on their use and mode of action.

Veterinary biologics are subject to the animal Virus, Serum, and Toxin Act which is enforced by USDA (21 U.S.C. 151-158).

561 - BIOLOGICS INSPECTIONS

FDA has developed a strategy known as "Team Biologics", a reinvention of the agency's approach to inspectional coverage of **certain** biological products. Team Biologics consists of the "Blood Bank Cadre" and the "Core Team." The periodic cGMP inspections and compliance operations of plasma fractionated products, allergenic products, vaccines, and biological in vitro diagnostic devices are now led by investigators and compliance officers in the Core Team. The investigators in the Cadre perform inspections of blood banks, plasmapheresis centers, tissue banks, and other blood establishments. The Cadre members report to their ORA District. The Core Team investigators report to ORO headquarters; Core Team compliance officers report to OE. **Inspections of certain CBER-regulated medical devices are not covered by the Core Team (e.g., blood establishment software) are conducted by District investigators who may or may not be part of the Cadre. See IOM 701 for a discussion of statutory authority. CBER maintains the lead for pre-licensing inspections of biological products, while ORA customarily leads PMA/510(k) inspections.**

Biological products are regulated under the authority of Section 351 of the Public Health Service Act and under the Food, Drug and Cosmetic Act, as drugs or devices. Blood and blood products for transfusion are prescription drugs under the FD&C Act. Recovered plasma and source plasma intended for manufacturing non-injectable products and in-vitro diagnostics, e.g., HIV home collection kits, are devices.

Section 351(a) of the PHS Act provides for licensure of biological products and inspection of **the products covered is per 351(d)**. Most biological drugs are licensed. Radioactive biological products require NDAs (21 CFR 505) unless they have an unrevoked and unsuspended license issued prior to August 25, 1975.

The investigational new drug application regulations (21 CFR 312) also apply to biological products subject to the licensing provisions of the PHS Act. However, investigations of blood grouping serum, reagent red blood cells, and anti-human globulin in-vitro diagnostic products may be

exempted (21 CFR 312.2(b)).

For blood bank and plasmapheresis center inspections (CP 7342.001 & 7342.002) use the CGMPs for Blood and Blood Components (21 CFR 606) as well as the general requirements for biological products (21 CFR Part 600), the general biological product standards (21 CFR Part 610), and the additional standards for human blood and blood products (21 CFR Part 640.) The drug GMPs (21 CFR 210/211) also apply to biologic drugs. In the event it is impossible to comply with both sets of regulations, the regulation specifically applicable to the product applies. This would generally be **Parts** 606 and 640 of the regulations in the case of blood banks or plasma centers.

FDA is in the process of revising the regulation of human tissues, cells, and cellular and tissue-based products. CBER currently regulates human tissue intended for transplantation under 21 CFR Part 1270. This **regulation applies to** tissue recovered, processed, stored, or distributed by methods which do not change tissue function or characteristics and is not currently regulated as a human drug, biological product, or medical device. Examples of such tissues include: bone, skin, corneas, ligament and tendon. Part 1270 requires tissue establishments to screen and test donors, to prepare and follow written procedures for the prevention of the spread of communicable disease, and to maintain records. **Registration and Listing requirements** for human cells, tissues, and cellular and tissue based products (HCT/Ps) are found in 21 CFR 1271.

Blood and human tissue establishments are sensitive to maintaining confidentiality of donor names. The mere reluctance to provide records is not a refusal. However, FDA has the authority under both the PHS and the FD&C Acts to make inspections and 21 CFR 600.22 (g) provides for copying records during a blood establishment inspection. For prescription drugs, section 704 of the FD&C Act specifically identifies records, files, papers, processes, controls, and facilities as being subject to inspection.

If you encounter problems accessing records, explain FDA's authority to copy these records. IOM 514 should be followed if a refusal is encountered. When donor names or other identifiers are necessary, they may be copied, but the information must be protected from inappropriate release. See IOM 527.06.

The inspectional objective is to ensure biological products are safe, effective, and contain the quality and purity they purport to possess, and are properly labeled. Facilities will be inspected for conformance with:

1. Provisions of the PHS Act and FD&C Act,
2. GMPs in 21 CFR 210-211, 600-680, and 820,
3. FDA Policies, which include guidance to the blood and blood products industry, and the Compliance Policy Guides Chapter 2.

561.01 - Preparation

Review the district files of the facility to be inspected and familiarize yourself with its operation and compliance history. Review:

1. Appropriate Compliance Programs and related Compliance Policy Guides (CPG), Chapter 2.

NOTE: Federal Cooperative Agreements Manual; MOU with the Department of Defense, and MOU with Health Care Financing Administration (HCFA) on transfusion services;

2. Correspondence from the firm depicting any changes since the last inspection;

3. Firm's registration and product listing information;

4. DFI's Guide to Inspections of Source Plasma Establishments, Guide to Inspections of Blood Banks, and Guide to Inspections of Infectious Disease Marker Testing Facilities.

5. **Biological Product Deviation Reports**, Adverse Reaction Reports, complaints, and recalls;

6. Guideline for Quality Assurance in Blood Establishments, (July 14, 1995).

7. Draft Guideline for the Validation of Blood Establishment Computer Systems (September 28, 1993).

Through guidance documents, CBER sets forth its inspection policy and regulatory approach. A list of these documents is attached to the current Compliance Program Guidance Manuals (CPGM).

The OSHA regulation 29 CFR 1910.1030 dated December 6, 1991, was intended to protect health care workers from bloodborne pathogens, including those involved in the collection and processing of blood products. The regulation defines expectations for the use of gloves, hand washing facilities, decontamination of work areas, waste containers, labeling and training of employees and exemptions for volunteer blood donor centers. FDA Investigators should adhere to these safety guidelines during inspections or related activities in establishments that process biologically hazardous materials.

Become familiar with the OSHA regulations and their applicability to 21 CFR 606.40(d)(1) & (2), which require the safe and sanitary disposal for trash, items used in the collection and processing of blood and for blood products not suitable for use. Consult your district biologics monitor for copies of the above references. Additional copies may be obtained from ORO, Division of Field Investigations (DFI), Biologics Group, HFC-130, (301) 827-5653 or see CBER's web site at <http://www.fda.gov/cber>.

561.02 - Inspectional Approach

Use the Compliance Program Guidance Manuals (CPGM) and **Guides** to Inspection of Blood Banks, Source Plasma Centers and Infectious Disease Marker Testing Facilities for inspectional guidance. The EIR must clearly identify the areas covered. The report should include a summary of the inspection, the FDA 482, the FDA 483, if issued, and required FACTS EI Record.

Particular attention should be given to **biological products deviation** reports indicative of problematic areas or processes, adverse reactions, transfusion associated AIDS (TAA), **transfusion or donation associated fatalities** and hepatitis and HIV lookback procedures. For additional information regarding TAA, see CP 7342.001. The follow-up investigations to such reports should also be covered.

Complaints, in particular those involving criminal activity, must be promptly investigated and coordinated with other agency components as needed.

A multi-layered system of safeguards has been built into the blood collection, manufacturing and distribution system to assure a safe blood supply.

Refer to CPGM 7342.001 and 7342.002 for a discussion of the systems approach to inspection. The CPGM incorporates a systems-based approach to conducting an inspection and identifies five (5) systems in a blood establishment operation for inspection. Each system may not be in a particular blood establishment operation; therefore, the inspection should focus on the systems present. The CPGM directs an in-depth audit of the critical areas in each system.

If Investigators encounter products not specifically referenced in the regulations, they should contact CBER/OCBQ/ Division of Inspections and Surveillance for guidance.

561.03 - Regulations, Guidelines, Recommendations

Guidance documents for industry are sent directly from CBER or made available on the CBER web site or via CBER's FAX Information System. The contents of most of these documents are incorporated into the establishment's SOPs and/or license applications or supplements. Also, DFI has issued Blood Bank, Source Plasma Establishment and Infectious Disease Marker Testing Facility Inspectional Guides to be used by investigators during inspections.

Deviations from the guides must not be referenced on a FDA 483. However, since these documents are often related to specific GMP requirements, in most cases deviations can be referenced back to the GMP. If a deviation is observed during an inspection and the investigator relates it to the regulations or law, then the item may be reported on the FDA 483. During the discussion with management, the relationship of the deviation to the regulation or law, or accepted standard of industry, should be clearly explained.

If an establishment indicates it has not received any of these documents, provide the CBER web site and the telephone number of CBER's Office of Communication, Training, and Manufacturers Assistance, 301-827-2000.

If a firm claims approval for an alternative procedure, verify by reviewing the firm's written approval letter. Approved alternative procedures may be verified by contacting CBER/Division of Blood Applications.

561.04 - Technical Assistance

Several regions and some districts have biologics specialists who are available for technical assistance and consultation. Do not hesitate to avail yourself of their services.

The services of expert investigators in ORA/ORO/ Division of Field Investigations (DFI), Biologics Group, HFC-130, (301) 827-5653, are available for telephone or on-site consultation and assistance in problem areas.

CBER/OCBQ, Division of Inspections and Surveillance (HFM-650), (301) 827-6220, can provide technical assistance on blood banking principles, testing issues, and can coordinate assistance with other CBER offices.

561.05 - CBER - Bio-research Monitoring

Bio-research monitoring (BiMO) assignments for biological products will generally be issued by the Center for Biologics Evaluation and Research (CBER) (see IOM 545).

562 - REGISTRATION, LISTING AND LICENSING

See IOM 773.01.

Registration and Listing - Most transfusion services are exempt from registration under 21 CFR 607. This includes facilities approved for Medicare reimbursement and engaged in the compatibility testing and transfusion of blood and blood components, but which neither routinely collect nor process blood and blood components. Such facilities include establishments:

1. Collecting, processing and shipping blood and blood components under documented emergency situations,
2. Performing therapeutic phlebotomy and therapeutic plasma exchange after which the product is discarded,
3. Preparing recovered human plasma and red blood cells,
4. Pooling products/platelets for in-house transfusion,
5. Thawing frozen plasma or cryoprecipitate for transfusion.

Although FDA transferred the routine inspection responsibility for these establishments to the Centers for Medicare and Medicaid Services (CMS, formerly Health Care Financing Administration - HCFA), the FDA retains legal authority to inspect them if warranted. When appropriate, Districts should conduct inspections jointly with the CMS regional liaison. If you determine during a routine inspection an establishment is a CMS obligation, you should terminate the inspection and report as such. See Federal Cooperative Agreements Manual - FDA/HCFA Memorandum of Understanding.

Tissue establishments manufacturing HCT/Ps (Human Cellular and Tissue-Based Products) currently regulated under 21 CFR Part 1270 must register and list. Establishments manufacturing HCT/Ps currently regulated under 21 CFR 1270 (e.g., bone, skin, corneas, and fascia) must have registered and listed by May 4, 2001. Manufacturers of HCT/Ps not currently regulated under this part (e.g., reproductive cells, and tissue and hematopoietic stem cells) must register when all of 21 CFR part 1271 is finalized and effective. These manufacturers may voluntarily register before then, but will not be subject to the regulations or inspections until such time as the regulations are final. Establishments manufacturing HCT/Ps currently regulated as medical devices, drugs or biological drugs registered with the FDA using forms FDA 2891 or 2656 will begin to register and list with FDA using Form FDA 3356 when Part 1271 is finalized.

Laboratories performing infectious disease testing on blood or blood components are an FDA obligation and required to register. Clinical laboratories were previously exempted from registration by 21 CFR 607.65(g), but FDA revoked this regulation. Your inspections should

focus on activities relevant to blood product testing operations.

Inspection of military blood banks is a responsibility of the field. These facilities are required to meet the same standards as other blood banks although military emergencies may require deviations from the standards. A separate license is held by each branch of the service; although each individual establishment may be licensed or unlicensed, all are required to register. Districts should notify the appropriate military liaisons 30 days before inspection of a military facility. For additional information on inspection of government establishments, see Compliance Program Guidance Manual 7342.001, the Federal Cooperative Agreements Manual, and the MOU with Department of Defense Regarding Licensure of Military Blood Banks.

Field Management Directive 92, Agency Establishment Registration and Control Procedures, details the registration process within the agency. Refer to FDA Compliance Policy Guides (CPG), Chapter 2, Sub-chapter 230 (230.110), for additional information on registration.

Ensure the firm's current registration forms reflect actual operations.

Biologic License - See IOM 773.02. Prior to granting a license, field personnel and CBER jointly conduct a pre-license inspection of the firm for compliance with the firm's license application and regulations. Copies of CBER's pre-license inspection reports are forwarded to the districts and should be part of the firm's file.

Approval of Biological Devices - There must be a pre-approval inspection (PAI) of the establishment for compliance with the QS/GMP regulation and the firm's PMA. For licensed devices, CBER conducts the PAI. Devices used in the collection and testing of blood for transfusion are approved/cleared through the PMA/510(k) authorities. ORA Investigators customarily inspect the CBER regulated devices, which are subject to PMA/510(k) applications.

563 - RESPONSIBLE INDIVIDUALS

In licensed establishments, the applicant or license holder may designate an authorized official(s) to represent the applicant to the FDA in matters of compliance. The FDA 482 and any 483 should be issued to the most responsible person on the premises at the time of inspection. An exact copy of the FDA 483 should also be forwarded to the top official of the firm if that person did not receive the FDA 483. The designation as authorized official does not necessarily mean that individual is the most responsible for any non-compliance of the firm. In licensed or unlicensed facilities, establish and document all individuals responsible for violations and their reporting structure in the organization.

564 - TESTING LABORATORIES

Blood establishments may use outside testing laboratories to perform required testing. Laboratories conducting testing for licensed blood banks are usually licensed. CBER may approve the use of a non-licensed laboratory to do required testing, provided the lab is capable of performing the tests and the lab registers with CBER prior to CBER

approving the licensing arrangement. Laboratories performing required testing for Source Plasma manufacturers must either be (1) licensed or (2) meet the standards of the Clinical Lab Improvement Act (CLIA) and be qualified to perform the required testing. Clinical laboratories are specifically exempted from registration, but are encouraged to voluntarily register. Laboratories performing testing for manufacturers of blood and blood components are FDA inspectional obligations whether or not they are exempt from registration.

Guidance for inspecting testing laboratories is included in the appropriate Compliance Program Guidance Manuals. Coordinate the inspection of non-registered laboratories with HCFA regional office contacts. If a testing laboratory is located outside of the district, request an inspection by the appropriate district office.

565 - BROKERS

Blood establishments may use brokers to locate buyers for products such as recovered plasma or expired red blood cells. These articles are used for further manufacture into products such as clinical chemistry controls and in-vitro diagnostic products not subject to licensure. Fractionators also use brokers to locate suppliers of plasma under the short supply provisions (21 CFR 601.22). During inspections, determine if the facility is selling products to any brokers. If brokers are used, determine if the brokered products are shipped to a facility operated by the broker or directly to the consignee.

Brokers who take physical possession of blood products and engage in activities considered manufacturing or labeling are required to register and are included in the OEI for routine inspection under the blood bank compliance program. Brokers who only arrange sales of or store blood and blood components, but do not engage in manufacturing activities are not required to register.

SUBCHAPTER 570 - PESTICIDES

570 - PESTICIDE INSPECTIONS

The objective of a Pesticide Inspection is to determine the likelihood of excessive residues of significant pesticides in or on products in consumer channels, and to develop sources of information for uncovering improper use of pesticide chemicals.

This requires directing coverage to two major areas:

1. Pesticide practices in the production and processing of field crops.
2. Application of pesticide chemicals in establishments storing and processing raw agricultural products.

Pesticide coverage must be provided during all food establishment inspections. Coverage of raw agricultural products will generally be on a growing-area basis.

Problem areas include:

1. Improper use of pesticides around animals - gross misuse of sprays and dips in animal husbandry may result in pesticide residues in foods.
2. Use of contaminated animal feeds - waste and

spent materials from processing operations may contain heavy concentrations of pesticide residues, which were present in the original commodity. See Compliance Policy Guide 575.100

3. Past pesticide usage - past pesticide practices on growing fields. Past use of persistent pesticides may result in excessive residues in the current food crop. You may need to check on pesticide usage for several years prior to an incident to ensure you gather enough information. Some pesticides last for many years in the environment.

571 - CURRENT PRACTICES

Cooperative Activities - important sources of information relative to evaluating the "Pesticide Environment" include:

1. At the start of the growing season, spray schedules recommended for each crop by county agents, state experiment stations, large pesticide dealers, farmers cooperatives, et al should be obtained.

2. Visits to agricultural advisors may provide information relative to heavy infestation of insect pests and fungal infections on specific crops in specific areas.

3. Daily radio broadcasts in most agricultural areas may provide information on spray schedules, insect pests, harvesting and shipping locations, etc.

4. Field employees of fruit and vegetable canning and freezing plants usually recommend spray schedules, pesticides, and harvesting schedules for products produced by contract growers.

5. United States Weather Bureau Offices and their reports will provide data on weather conditions, which may effect insect growth and their development, size of fruit or leaf growth, and dissipation of pesticide chemicals.

6. USDA Market News Service daily price quotations, and weekly quotations in trade magazines provide information regarding harvesting schedules since market prices are indicators of how quickly a crop will be harvested in a given area. Growers who have the opportunity to obtain high prices may harvest their crops without regard to recommended pre-harvest intervals.

7. State Colleges of Agriculture seminars or short courses on food and vegetable production may alert you to significant departures from usual agricultural practices. Prior approval to attend such meetings should be secured from your supervisor.

8. Pesticide suppliers and distributors may provide information on spray practices, schedules, and the name and address of growers, etc.

NOTE: The U.S. Department of Agriculture has a Pesticide Data Program (PDP), which provides data on pesticide use and residue detection. This program helps form the basis for conducting realistic dietary risk assessments and evaluating pesticide tolerances. Coordination of this program is multi-departmental, involving USDA, EPA and FDA, covered by a MOU (Federal Cooperative Agreements Manual). As a part of this program USDA collects data on agricultural chemical usage, and factors influencing chemical use, and collects pesticide residue data through cooperation with nine participating states. USDA provides this data to EPA, FDA and the public. Several

USDA publications are listed below as reference material.

The contact point at USDA for pesticide residue matters is:

Martha Lamont, Chief
Residue Branch, Science Division
Agricultural Marketing Service, USDA
8700 Centreville Road, Suite 200
Manassas, VA 221110
(703)-330-2300

Reference materials - the following reference materials provide background and data necessary or helpful in evaluating current practices. This material should be available at the District office.

1. Pesticide Chemicals - Regulations under the Federal Food, Drug and Cosmetic Act on tolerances for pesticides in food administered by the Environmental Protection Agency (EPA). (See 40 CFR 185)

2. EPA's Pesticide Regulations - Tolerances for Raw Agriculture Products. (See 40 CFR 180)

3. EPA's Rebuttable Presumption Against Registration (RPAR) List.

4. Pesticide Index. - By William J. Wiswesser. A publication containing information on trade names, composition and uses of commercial pesticide formulations.

5. The Daily Summary or Weekly Summary. News releases and reports from USDA.

6. USDA's Weekly Summary Shipments-Unloads.

7. Agricultural Economic Report No. 717 Pesticide and Fertilizer Use and Trends in U.S Agriculture (May 1995)

8. Annual Pesticide Data Summary

9. Reports from USDA's Crop Reporting Board.

10. USDA's Pesticide Assessment Reports.

572 - GROWERS

Preliminary investigation of growing areas at the start of the season will provide data necessary for district work planning including production schedules, types and acreage of crops, pesticides used and the names and addresses of growers and shippers.

Growing Dates - The significant growing dates relative to pesticide usage are as follows:

1. Planting date,
2. Date of full bloom, and
3. Date of edible parts formation.

Harvest Dates - The dates of the anticipated harvest season will provide planning information relative to pre-harvest application and shipping.

Acreage - This will provide volume information for work planning.

Pesticide Application - ascertain the actual pesticide application pattern for each crop. Look for objective evidence to document actual grower practice. Check the grower's supply of pesticide chemicals, look for used pesticide containers, visit his source of supply, etc. Check spraying and dusting practices. Establish if pesticide chemicals are used in such a manner that excessive residues might result.

The following information provides a basis for evaluating pesticide usage:

1. Pesticide Chemical Applied - List the common name if there is no doubt as to the chemical identity of the pesticide. Include labeling indications and instructions.

2. Method of Application - Describe the method of application i.e., ground rig, airplane, greenhouse aerosol, hand, etc.

3. Formulation - Describe the formulation i.e., wettable powder, emulsifiable concentrate, dust, granules, aerosol, etc. Express as pounds of active ingredient per gallon or percent wettable powder.

4. Number of Applications and Dates.

5. Rate of Last Application - Calculate the amount of active ingredient per acre.

6. Pre-Harvest Interval (PHI) - Calculate the number of days between the day of the last application of pesticide and the harvest date or anticipated harvest date. Compare to the PHI.

7. Visible residue on growersgrower's crop.

8. Summary of Usage - Determine the USDA Summary Limitations and evaluate the responsible usage.

Pesticide Misuse/Drift/Soil Contamination - Pesticide residues, which exceed established tolerances, action levels, or "regulatory analytical limits" may be caused by pesticide misuse which can include:

1. Excessive application of a chemical on a permitted crop.

2. Failure to follow labeled time intervals between the last pesticide application and harvest.

3. Use of a non-approved pesticide on a crop.

4. Failure to wash a crop when pesticide labeling requires it (e.g., for certain EBDC's).

Other conditions, which may cause illegal residues, include spray drift and soil contamination.

Drift may be documented by determining which crops and pesticides have been grown/used in fields adjacent to those sampled. Determine direction of prevailing winds and wind condition on the day of spraying. Selective sampling will aid in determining if drift occurred. Compliance Samples collected to document pesticide drift should be Flagged and noted in block 16 of the CR as "Drift Sample - Maintain as Individual Subs".

Soil contamination by compounds, which are relatively stable in the environment, may cause systemic uptake of the compounds by growing crops. Follow-up investigations to violative samples may, in some limited cases, include soil samples as an attempt to determine the source of the contaminant. Do not routinely collect soil samples.

573 - PACKERS AND SHIPPERS

Follow the same general procedure as in IOM 572. Observe and report the following:

1. Treatment Before Shipping - This may include stripping of leaves, washing, vacuum cooling, application of post-harvest preservative chemicals, use of cartons with mold-inhibiting chemicals, waxes, colors, fumigation, etc.

2. Identification of Growers' Lots - Determine procedure or methods used to maintain the identity of each grower's lot. Provide the code and key if any.

3. Labeling - Quote labeling or brand names.

4. Responsibility - Determine whether the packer or shipper knows what sprays have been used on the products shipped.

574 - PESTICIDE SUPPLIERS

Pesticide suppliers should be visited routinely during growing-area coverage. They may provide valuable information about pesticides being used on various crops in the growing area. Some suppliers may suggest spray schedules or advise growers about pesticide usage.

Determine what representations were made by the manufacturer of pesticide chemicals for which there is only a temporary tolerance or experimental permit. Get copies of any correspondence relating to sale and use of these products. Obtain names of growers to whom sales are made if such sale was not for use on acreage assigned under the experimental permit. Collect Official Samples of any crops treated with the pesticide.

575 - PESTICIDE APPLICATORS

Pesticide applicators may provide valuable information about pesticides being used on various crops in the growing area. Interview several pesticide applicators, particularly those using airborne equipment. Determine the pesticide chemicals, their formulation, and on what crops they are currently being applied. Determine who supplies the pesticides and how they are prepared to assure proper concentration. If state law requires the applicator to keep a record of each spray application, request permission to review such records. Determine what steps are taken to assure drift on adjoining crops does not result in violative residues. Where there is likelihood of drift, collect Selective Samples from adjoining fields.

576 - SAMPLE COLLECTIONS

See IOM Sample Schedule Chart 3 - Pesticides.

SUBCHAPTER 580 - VETERINARY MEDICINE

580 - CVM WEBSITE

The Center for Veterinary Medicine has its own website. The website contains an alphabetical listing of topics under "Index"; a listing of current and planned Guidance Documents; and on line access to the "GreenBook" database listing animal drug approvals. There is a "search" feature allowing you to search for documents containing various words or phrases. The website also contains organizational information for the Center and an explanation of the various laws and regulations which the Center enforces. Information on the website can provide guidance for inspectional efforts related to CVM obligations.

581 - VETERINARY DRUG ACTIVITIES

CVM is responsible for inspections of therapeutic and production drugs, and Active Pharmaceutical Ingredients (APIs). Therapeutic drugs are used in the diagnosis, cure, mitigation, treatment or prevention of disease. Production drugs are used for economic enhancement of animal productivity. Examples include: growth promotion, feed efficiency and increased milk production.

Preapproval inspections are conducted pursuant to pending NADA or ANADA applications.

Post approval inspections of veterinary drugs are conducted to determine compliance with the Current Good Manufacturing Practices (CGMPs) for Finished Pharmaceuticals under 21 CFR Part 211. These cGMPs apply to both human and veterinary drugs. Information on veterinary drugs approved can be found in the "Greenbook" database accessed through CVM's website.

API's are active pharmaceutical ingredients. Many of the APIs used to manufacture dosage form drugs are imported from foreign countries. The intended source for an API must be indicated in NADA/ANADA submissions for new animal drug approvals. Any change in a source for an API would require a supplement to the application.

Extra label drug use refers to the regulations in 21 CFR Part 530 codified as a result of the Animal Medicinal Drug Use Clarification Act (AMDUCA) of 1994. These regulations set forth the requirements for veterinarians to prescribe extra label uses of certain approved animal and human drugs and the requirements for the existence of a valid veterinarian/client/patient relationship (VCPR). The regulations under 21 CFR Part 530 address issues regarding extra label use in non-food as well as food producing animals. 21 CFR 530.41 contains a list of drugs that cannot be used in an extra label fashion in food-producing animals. During an inspection or investigation if you encounter any situations on extra label use of the listed drugs, you should contact CVM's Division of Compliance (HFV-230) (301-827-1168).

The regulations under 21 CF Part 530 also address compounding of products from approved animal or human drugs by a pharmacist or veterinarian. The regulations clearly state compounding is not permitted from bulk drugs. This would include APIs. CVM has an existing CPG on Compounding of Drugs for Use in Animals (CPG 7125.40; Chapter 608.400). A copy can be found on CVM's website. The Division of Compliance (HFV-230) has issued assignments to conduct inspections of firms, including internet pharmacies, who may be engaged in the practice of manufacturing under the guise of pharmacy compounding. You should contact the Division of Compliance (HFV-230) at 301-827-1168 to report instances of compounding or to seek guidance on inspectional issues, or regulatory and enforcement policies.

582 - MEDICATED FEEDS AND TYPE A ARTICLES

Animal feed is defined under section 201(w) of the FD&C Act [21 U.S.C. 321 (w)]. CVM is responsible for control of

medicated and non-medicated animal feeds, Type A medicated articles and pet foods.

The regulations for animal food labeling are in 21CFR Part 501. The regulations for medicated feed mill licensure are in 21CFR Part 515. The cGMPs for Medicated Feeds are in 21CFR Part 225. The cGMPs for Type A Articles are in 21 CFR Part 226.

Inspections are routinely conducted of medicated feed mills and manufacturers of Type A Medicated Articles.

If you have questions related to cGMPs and enforcement policies and strategies concerning Medicated Feeds and Type A Articles you should contact the CVM/Division of Compliance (301-827-1168).

Guidance on pet food labeling requirements can be found on CVM's website.

583 - BSE ACTIVITIES

CVM is responsible for FDA's educational and regulatory activities involving BSE. BSE is "Bovine Spongiform Encephalopathy" and is often referred to as "mad cow disease." BSE information can be found on the CVM website. CVM has four Guidance Documents in place dealing with BSE (67-70, dated February 1998). The Guidance Documents address renderers, protein blenders, feed manufacturers, distributors and on farm feeders.

Questions on inspectional assignments and regulatory activities in the BSE area should be addressed to the CVM/Division of Compliance (HFV-230) at 301-827-1168.

584 - TISSUE RESIDUES

The presence of violative drug residues in food from slaughtered animals is a human health concern. Tissue residue investigations/inspections are performed in response to reports of violative drug residue levels found in tissue sampled at slaughter by the USDA.

Tissue residues are commonly caused by the medication of animals prior to marketing and failure to follow the withdrawal times. When a new animal drug is approved the manufacturer must conduct studies to accurately determine withdrawal times. Allowable tolerances for residues of new animal drugs in food can be found in 21CFR Part 556.

For information on tissue residue violations and activities you should contact the CVM/Division of Compliance (HFV-230, 301-827-1168).

585 - VETERINARY DEVICES

Medical devices for animal/veterinary use are not subject to the premarket approval requirements like human medical devices. Once an animal use device is marketed the Center is concerned with safety and efficacy of the veterinary device. CVM often recommends firms use the human device GMPs in controlling the manufacturing of animal use devices. CVM also suggests labeling be sent in for review by the Division of Compliance (HFV-230) to avoid misbranding. Regulatory questions for veterinary/animal use devices should be directed to the CVM/Division of Compliance (HFV-230).

586 - ANIMAL GROOMING AIDES

Cosmetic articles intended to cleanse and beautify animals are referred to as “animal grooming aides.” The definition of “cosmetic” under section 201(l) of the FD & C Act [21 U.S.C. 321 (l)] refers only to use of such articles in humans and does not include products for animal use.

If animal grooming aides are labeled with either direct or implied therapeutic claims, however, they may be considered as drugs under section 201(g) of the FD&C Act [21 U.S.C. 321 (g)] or even as new animal drugs under section 201(v) of the FD&C Act [21 U.S.C. 321(v)].

Grooming aides formulated only to cleanse or beautify animals are not subject to the provisions of the Act. However, the Center is still concerned over the safety of such products and tracks complaints and adverse reactions.

Questions on labeling and regulatory concerns should be directed to the Division of Compliance (HFV-230). To report complaints or adverse reactions involving animal grooming aides or to determine the complaint history of a particular product you should contact the Division of Surveillance (HFV-210).

587 — CVM BIO-RESEARCH MONITORING

CVM issues assignments to the field to conduct BiMO inspections of animal drug studies, including both therapeutic and production drugs. Currently, there is no requirement for animal drug studies to be controlled by any sort of institutional review board (IRB). See IOM 545.

SUBCHAPTER 590 - REPORTING

590 - ESTABLISHMENT INSPECTION REPORT (EIR)

See IOM 100 English language requirement. The EIR consists of the following in this order: a printed copy of the FACTS Establishment Inspection Record (EI Record) including, at least, the endorsement with the EIR distribution printed at the bottom of the “endorsement” section of the EI Record; carbon or other copies of FDA forms issued during the inspection such as the FDA 482, FDA 483, and FDA 484; investigator’s narrative report; copy of assignment if available; exhibits; and/or any additional material attached and referred to in the narrative report. Regarding the use of checklists (such as the BSE Checklist), the original raw data completed checklist should be submitted with the EIR. If you maintain the data in your diary, rather than entering directly on the form, then enter on the electronic copy. A printed copy from FACTS becomes the data to include with the EIR.

No copies of inspection reports will be maintained other than in headquarters, district, and resident post files. The signed original report is maintained in the district office or in the case of foreign inspections in the appropriate Center HQ office.

591 - ENDORSEMENT

The endorsement of the establishment inspection is prepared by the supervisor. Some supervisors may have the investigator prepare proposed endorsements. Endorsements should fit in the available space provided in FACTS. If the endorsement exceeds the 2000 character space provided in FACTS, a separate endorsement should be prepared, fully identifying the firm with a Summary of the Endorsement included in FACTS. The FACTS EI Record will be printed and used as the endorsement and routing document to accompany the EIR. See also IOM 593.01.

Normally the endorsement consists of:

1. The reason for the EI, i.e., workplan, or assignments from headquarters. State the subject of the assignment and reference. If the assignment was issued hard copy (i.e. not through FACTS), it should be attached to the EIR following the narrative. Include the FACTS assignment number and compliance tracking number if applicable.
2. A brief history of previous findings including classification of previous EI, any action taken by the district and/or corrective action taken by the firm in response to inspectional observations from the previous inspection.
3. A concise summary and evaluation of current findings and samples collected.
4. Refusals, voluntary corrections or promises made by the firm’s management.
5. Classification and follow-up consistent with inspectional findings and Agency policy including notification of other districts and headquarters as warranted.
6. Distribution consistent with District policy and the requirements of the specific Compliance Program Guidance Manual(s).

The Compliance Status Information System (COMSTAT) was a separate Agency database summarizing Quality Systems regulation (QS/GMP) and current Good Manufacturing Practices (cGMP) regulations for facilities, which manipulate drug, device, and biological products. QS or GMP status of firms inspected is now entered into the FACTS database. The Profile Data is submitted electronically to the Division of Compliance Information and Quality Assurance (DCIQA), HFC-240, following an inspection. DCIQA should be notified via hardcopy, e-mail or FAX as soon as an inspection reveals a violative QS or GMP situation, which may result in regulatory action. Often this may occur before the inspection has concluded.

See Exhibit 590-C. The COMSTAT Guidance to Field and Centers document replaced Chapter 15 of the GWQAP Manual and can be accessed from the DCIQA web site at <http://web.ora.fda.gov>.

591.01 - Compliance Achievement Reporting System (CARS)

FACTS is used to report achieved and verified compliance actions, which are not the result of a legal action. A compliance achievement is the observed repair, modification, or adjustment of a violative condition, or the repair, modification, adjustment, relabeling, or destruction of a violative product when either the product or condition does

not comply with the Acts enforced by the FDA. There are three criteria for reporting into the CARS system:

1. The detection or identification of the problem. A problem may be observed by FDA, other federal officials, or by state or local authorities and referred to FDA; and as a result of an inspection, investigation, sample analysis, or detention accomplished by ORA or states under contract to ORA.

2. The correction of the problem. The correction is directly attributable to the efforts of ORA or state officials under contract to ORA (involving contract products only); and is unrelated to the filing of a legal action, i.e., seizure, prosecution, injunction.

3. The verification of the correction of the problem. The correction is verified by the FDA, other federal officials or state or local authorities and reported in writing to the FDA; and is based on an inspection, investigation, sample analysis, or letter from a firm to FDA certifying the problem has been corrected.

Only when the corrective action(s) has been verified should a CARS be reported. The data elements are those entered/coded in FACTS (See IOM Exhibit 590-B):

1. PAC. See the Data Codes Manual. Should there be insufficient space to code all corrections verified on an occasion, record the most significant corrections.

2. PROBLEM TYPE. The problem type is the problem(s) identified during the operation(s). Use the List of Values (LOV) found in this field on the Compliance Achievement Reporting Screen. If 'Other' is chosen, you must include an explanation in the 'Remarks' field.

3. CORRECTIVE ACTION. The action the establishment took to correct the identified problem. Use the LOVs found in this field on the CARS screen. If "Other" is selected, you must include an explanation in the "Remarks" field.

4. VERIFICATION DATE. Use the date the corrective action(s) is verified, either through an establishment inspection, an investigation, or a letter from the establishment certifying the corrections have been made. Include documentation to verify the action such as repair receipts/plans.

5. CORRECTING ORGANIZATION. The FDA, other federal agency, or state or local authority, which observed the verified correction. Use the LOVs found in this field on the CARS screen.

6. REPORTING DISTRICT. The FDA, other federal agency, or state or local authority, which is actually inputting the verified correction. Use the LOVs found in this field on the CARS screen.

7. REASON FOR CORRECTION. The action the FDA took to make the correction happen. Use the LOVs found in this field on the CARS screen. If 'Other' is chosen, you must include an explanation in the 'Remarks' field.

592 - FACTS ESTABLISHMENT INSPECTION RECORD (EI Record)

Instructions for completion of the FACTS (Field Activities and Compliance Tracking System) EI Record will be included in future revisions. Until such time consult with your supervisor and District Lead FACTS user(s). See IOM

Exhibits 590-A & 590-B. The FACTS Profile Data instructions and FACTS generated assignment are attached as IOM Exhibits 590-C & 590-D.

Inspectional accountable time in FACTS consists of the hours devoted to file reviews (operational preparation), actual inspectional, investigational, audit, etc. time (onsite), document (exhibit) preparation and EIR (report) write-up. Accountable time does not include travel time. One occasional exception could be when more than one participant in an inspection/investigation travel together and discuss/prepare while in route. Other accountable time operations are listed in the FDA Data Codes Manual.

593 - NARRATIVE REPORT

See IOM 100 English language requirement. The narrative report is the written portion of the EIR, which accurately describes the investigator's inspectional findings. The narrative report may be prepared in two formats depending on the type of inspection, inspection classification, and program area. A Summary of Findings narrative report is used for non-violative, non-initial inspections - see IOM 593.01. The Standard narrative report is used for human pharmaceutical and medical device inspections, and Official Action Indicated (OAI) classified inspections in other program areas - see IOM 593.03. The "Summary of Findings" report format may be used for some Voluntary Action Indicated (VAI) classified inspections as directed by your supervisor. Additional requirements for human drug and medical device reports are described in IOM 549 and 559. For all reporting formats, include additional information as directed by your assignment, Compliance Program Guidance Manual, or your Supervisor.

All reports must be prepared as stand-alone documents outside of FACTS. Your Establishment Inspection Report (EIR) must:

1. Be factual, objective, and free of unsupportable conclusions.
2. Be concise while covering the necessary aspects of the inspection.
3. Not include opinions about administrative or regulatory follow-up.
4. Be written in the first person.
5. Be signed by all FDA and commissioned personnel participating in the inspection. See IOM section 502.04 when more than one FDA or commissioned person participated in the inspection.

593.01 - Non-Violative Establishments

Investigators should use "Summary of Findings", stand-alone, narrative reports for non-violative establishments, unless otherwise directed by your supervisor, the assignment or the Compliance Program Guidance Manual involved.

Exception: human pharmaceutical and medical device GMP inspection reports, which have additional reporting requirements should be written in the Standard Narrative report format as in 593.03.

The Summary of Findings Report may not be written

solely in the FACTS provided “Inspection Summary” heading. **The Summary of Findings** report must include:

1. The reason for the inspection;
2. The date, classification and findings of the previous inspection;
3. The actual inclusive dates of the inspection (these may be included as part of a header or in the body of the EIR.)
4. The name of the person to whom credentials were shown and the Notice of Inspection was issued and the person’s authority to receive the Notice. Explain if you were unable to show credentials or issue forms to top management;
5. The scope of the inspection; i.e., comprehensive or **directed**; and a brief description of the products, processes or systems covered during the inspection; the manufacturing codes and if necessary their interpretation.
6. The significant findings if any;
7. Management’s response or corrections;
8. Warnings given to management; and
9. The investigator’s handwritten signature.

593.02 - Violative Establishments

All violative EIR’s must in addition to the information required for non-violative reports contain the following:

1. the objectionable conditions or practices described in sufficient detail so someone reading the report will clearly understand the observation(s) and significance.
2. the objectionable conditions or practices cross-referenced to FDA 483 citations, samples collected, photographs, or other documentation including exhibits attached to the EIR.
3. information as to when the objectionable conditions or practices occurred, why they occurred, and who is or was responsible, developed to the highest level in the firm.

593.03 - Individual Narrative Headings

There are many acceptable ways of organizing a narrative report. The key is to cover the required information in IOM 593 and 593.02, or as required by the assignment, Compliance Program Guidance Manual, or your supervisor.

The appropriate use of headings should not result in repetition of the same information in different sections. You are encouraged to create headings as necessary to present the inspectional findings in the most concise manner.

For non-violative and some VAI reports, a single heading such as “Summary of Findings” is sufficient (for exceptions, see IOM 593.01)

Turbo EIR must be used to generate the FDA 483 and write the EIR for any inspection where all applicable cite modules exist. You cannot write the EIR in Turbo if the FDA 483 was issued to the firm and it was NOT generated using Turbo EIR. NOTE: Turbo EIR can be used to write the EIR for any inspection where no FDA 483 was issued.

STANDARD NARRATIVE REPORT: HEADINGS, CONTENT AND ARRANGEMENT OF YOUR REPORT

The Standard narrative report format is the format used for most reports in all program areas. The Standard narrative format contains sections within specific headings.

Reporting requirements under these headings fall into two categories: those which must be reported every time (if applicable) and those which only need to be reported if an element has changed (example: Jurisdiction - “changes in the current catalog of products”). You should follow the Standard narrative reporting guidance for specific program areas in the situations below noting any exceptions or additional information which may be required.

Initial or OAI classified inspections: A full standard narrative report is required for all program areas.

Note: All human drug inspections require full narrative reporting regardless of classification. While a complete Standard Narrative is required, this format does not require full and detailed narratives for every area/element for every human drug inspection. The firm’s state of compliance, the previous inspectional report and information, complexity of operations and other aspects all are determinants in how much reporting will be necessary. In many cases, brief summaries addressing the format areas will be sufficient.

Other additional reporting for human drug and medical device inspections may be required - see IOM 549 and 559.

Reporting of “changes only” is permitted for:
Non-initial, NAI classified inspections - Medical Device inspections

Non-initial, VAI classified inspections - Biologics, Bioresearch Monitoring, BSE, Cosmetics, Food, Medical Device, Medicated Feeds, and Veterinary Drug inspections

HEADINGS:

Summary

1. provide the reason for the inspection (e.g., compliance program, by assignment, etc.);
2. the scope of the inspection (comprehensive, **directed**, sample collection only, etc.).
3. Provide a summary of the findings, date, and classification of the previous inspection and the firm’s response/corrective actions.
4. List the products, systems and processes covered during the current inspection, and the types of records and documents reviewed.
5. Provide a summary of the current findings, refusals, samples collected, warnings given to management, and a summary of management’s response or voluntary corrections.

Persons Interviewed and Administrative Data

1. The firm name, address, phone, FAX and e-mail address.
2. Report the names and titles of the Investigator(s), Analyst(s), etc.
3. The inclusive date(s) of the current inspection, i.e., list the actual dates in the plant.
4. Report changes to hours of operation (include seasonal variations).
5. If a team inspection and some individuals were not present during the entire inspection, indicate dates in plant for each team member.

Report Full Names and Titles of:

1. to whom Federal credentials were shown,
2. to whom any FDA forms were issued to or signed by during the inspection (FDA 482, 483, 484, 463, etc.),
3. who wrote which section of the EIR, if this was a

team inspection report, and

4. in-plant inspectors or other government agencies (IOM 538)

History

1. Report the legal status of the firm (corporation, partnership, limited liability corporation, etc.); if a corporation, list in which state and when the firm was incorporated.

2. List the parent corporation, corporate address and any subsidiaries.

3. Provide a summary of any regulatory actions and prior warnings (do not cite any action only recommended but not approved).

4. Include any relevant recalls, etc. since the last inspection.

5. Report the hours of operation and any changes from past inspections (include seasonal variations).

6. Report the current registration(s) status or any changes to registration status.

7. If directions to the firm would be helpful in future visits, include the information.

8. Provide the names, titles and addresses of top management official(s) to whom correspondence should be addressed (FMD 145, PIN letter, W/L, etc.).

Interstate (I.S.) Commerce

1. Report changes in the previous estimate of the percentage of products shipped outside of the state (or exported to the U.S.) and the basis of the estimate.

2. Report the firm's general promotion and distribution patterns.

3. If there is a violative product, provide examples of I.S. shipments of violative product(s); or

4. if no such shipments, I.S. shipments of major components of violative products - with complete I.S. documentation in either case.

Jurisdiction (Products Manufactured and/or Distributed)

1. Include changes in the current catalog of products, or a list of a representative number of currently marketed products subject to FD&C Act or other statute enforced by FDA or counterpart state agency, including any believed violative.

2. Report changes of Brand Names used.

3. Collect appropriate labeling (product and case labels, inserts, brochures, manuals, promotional materials of any type) for those products believed violative or representing any significant new or unusual operation, industry or technology; or as directed by your supervisor.

4. Document any applicable labeling agreements (and obtain a copy) and statutory guaranty given or received per Sections 301(h) and 303(c)(2) of the FD&C Act [21 U.S.C. 321 (h) and 333 (c)(2)] (IOM 526)

Individual Responsibility - Report with whom you dealt, and in what regard (both during and prior to the start of the inspection):

1. who provided relevant information,
2. who accompanied you during the inspection,
3. who refused access to required records or any other refusal of information (Note: a separate heading for Refusals may be needed if refusals are significant, exten-

sive or an Inspection Warrant is anticipated),

4. who refused to permit inspection (IOM 514) and
5. who participated in the discussion with management (IOM 516)

Describe roles and authorities of responsible individuals, including the full names and titles of individuals providing you with information.

Report changes to the following:

1. Who is the most responsible individual at the inspected firm? Who is the responsible head or designated correspondent? Refer to IOM 525, 525.01, and 525.02

2. Report full names and titles of owners, partners, and corporate officers. Who has the duty, power and responsibility, and authority to prevent, detect, and correct violation(s), and how is this demonstrated and/or documented? See IOM 525.02

3. Report the chain of command; include an organizational chart (create if necessary).

4. Obtain a copy of public annual report, if any.

5. List the names and titles of key operating personnel.

Firm's Training Program - The firm's training programs are of particular significance where inspectional findings find people may not be adequately trained.

Manufacturing/Design Operations

1. Report only changes to the firm's general overall operations, including significant changes in equipment, processes, or products since the previous inspection. Include schematics, flow plans, photographs, formulations and diagrams, if useful.

2. List names and sources of new or unusual components or raw materials.

3. Report equipment considered new or unusual unless otherwise directed.

4. Submit pertinent formulas (especially those being manufactured during your inspection) and processing instructions with labeling of suspect products.

For human drug inspections:

1. Describe the firm's manufacturing processes, systems and operations relevant to your inspection.

2. Summarize the processes covered during the inspection.

The use of layouts, flow plans, schematics, etc. attached as Exhibits to your report is encouraged. A detailed description of operations may be necessary when related to deviations from GMP(s) or application commitments, or when significant changes in the manufacturing operations have occurred.

Additional information for medical device inspections:

1. For all inspections covering CAPA - indicate which data sources were available for review and which were actually reviewed;

2. include a brief statement regarding coverage or non-coverage of applicable Tracking requirements, MDRs, sterilization, and Reports of Corrections and Removals.

3. For ALL Level 2,3, and For Cause Inspections: for Production & Process Controls - indicate which production processes were covered/reviewed.

4. Under the Design Control system, indicate the

design project(s) covered during the inspection.

Manufacturing Codes

1. If the manufacturing codes are unchanged, include a statement in the EIR the system is the same as described in reports on file at the District. Indicate the date of the EIR in which the codes are fully explained.

2. If the manufacturing codes have changed, describe the manufacturing coding system (lot, batch, product, etc.), and a key to interpretation of codes.

Complaints (if applicable) - Note: The complaints included in this portion of the EIR are those reported to the FDA by consumers, health care professionals, industry, etc. - Not necessarily the complaints received by the firm.

1. Describe injuries or other significant consumer/trade complaints, DPPR's, MDR's, MedWatch reports, or recalls, if appropriate.

2. Report your follow-up of consumer/trade complaints, DPPR's, MDR's, MedWatch reports or recalls identified in the district factory jacket for coverage. Correlate consumer/trade complaints, DPPR's, MDR's, MedWatch reports to specific objectionable conditions observed.

3. The reporting of your review of the firm's complaint file(s) should be reported under a separate section, such as "Complaint File(s)."

4. In addition, if Returned Goods are examined, describe findings. If not examined, so indicate.

Recall Procedures - Describe plans and procedures for removing products from marketing channels if necessary.

Objectionable Conditions and Management's Response (those written and provided to management at the conclusion of the inspection)

1. If any observations were provided to management in writing (FDA 483) at the conclusion of the inspection list each observation.

2. Provide a detailed discussion of each observation and its relevance, i.e., present and explain your documentation/evidence.

3. Cross-reference each observation to your exhibit(s) and sample(s) collected.

4. Identify the responsible party for each violation.

5. Identify which team member (if applicable) was responsible for the observation.

6. Report management's response to each item and time frames given for corrections and/or any corrective action taken for each observation.

7. Report any disagreements with or refusals to correct any observation(s).

For human drug inspections:

PDMA Coverage

1. Describe what sample loss, theft, or diversion reports were covered during the inspection.

2. Describe the firm's sample audit and security systems, including a review of the firm's SOP's. Significant problems which may contribute to the firm's inability to adequately monitor sample distribution via sales representative, mail or common carrier should be addressed under objectionable conditions.

Additional information for medical device inspections:

1. for each observation based on sampling of records,

indicate which Sample Table and level of confidence was used and the actual number of records sampled.

2. If the number sampled is different than the actual number reviewed, so indicate.

NOTE: Observations of a verbal nature should be reported in sufficient detail under the General Discussion with Management (correlate any Exhibits, samples, etc. to any "verbal" observations).

Refusals - Provide full details of all refusals off/for requested information, statutory information, photography, entry, etc. received during the inspection, including who made the refusal and, if available, why the refusal was given.

General Discussion with Management

1. Report the names and titles of all present, including those present via electronic media (describe).

2. Include the name and title to whom the FDA 483 was issued.

3. Provide additional discussion items not provided in writing at the conclusion of the inspection, such as: questionable labels, labeling and/or labeling practices, commercialization of products covered by IDE or IND, fraudulent health claims, registration/listing deviations, lack of approved PMA, 510(k), NDA, ANDA, etc. These include all verbal observations deemed not to merit inclusion on the FDA 483 (IOM 512)

4. A description of each warning, recommendation, or suggestion given to the firm, and to whom given.

5. Management's general responses to the inspection and/or to groups of items listed on the report of observations or discussed at the conclusion of the inspection.

Additional Information - Report changes only.

1. Describe contractors used and for what purpose.

2. Describe suppliers (major raw material, active ingredient, etc.) used and for what.

3. Report pertinent facts, which do not fit another section of the EIR. (For firms located in foreign countries, include information relative to lodging and travel; for domestic firms, include information relative to location of firm if difficult to find; etc.).

Voluntary Corrections

1. Provide a brief description of improvements initiated by the firm in response to a previous inspection, report of observations and/or a warning letter.

2. Report voluntary destructions, recalls, and similar actions since the prior inspection or during this inspection.

3. Report any follow-up to recalls identified during the inspection (may be by referencing Attachment B recall report).

4. Include recalls to specific objectionable conditions observed.

5. Provide the identity of person(s) responsible for the corrections.

6. Report any appropriate voluntary corrections in FACTS CARS

Exhibits and Samples Collected - List all exhibits attached. See IOM 594, Exhibits.

1. Include a listing of any samples collected.

2. Briefly, describe or title each exhibit and sample number attached. You should include in your description the number of pages for each Exhibit listing.

NOTE: For complex inspections a cross-reference from the FDA 483 and verbal observations to applicable exhibits and samples can be useful during further review.

Attachments - Attachments as referred to here are any material attached to and referred to in the EIR, which are not evidentiary in nature; such as assignments, Center provided protocols, etc. See IOM 527.02 for identification of non-evidentiary material attached to the EIR. Documents attached to the EIR may be referred to in the EIR and listed here, such as the FDA 482, FDA 483, copy of the FDA 463a, etc. (in form number order); but such documents/forms must not be numbered, altered from their issued state, bear adhesive identification labels, etc. See the opening sentence of IOM 594. List and attach copies of associated reports (Recall Attachment B Report, etc.).

Signature - All participants must sign the final narrative portion of the EIR. The prescribed format is to type each persons name, title, and district (or other affiliation) below the signature. In some cases immediate signature by all participants is not possible. An example as to how this can be accomplished is to forward an electronic "draft" copy of the EIR for all to read and approve, then followed or accompanied by the original signature sheet. When signed, return to the lead investigator for proper filing and routing. When using this method, a photocopy of the original signature page is made with the lead investigator's signature and temporarily attached to the EIR.

594 - EXHIBITS

Exhibits are materials collected from the firm and do not include FDA forms or copies of assignments. Exhibits should contribute to the objective of the assignment and the clarity of the report. They may include flow-plans, schematics, layouts, etc. If the materials collected from the firm are

not needed as exhibits, they should be destroyed in accordance with district policy. Submit four copies of new or suspect labeling or other material collected as exhibits for labeling purposes. These should be mounted in a manner so complete sets are submitted, i.e., labels 1-10 in each of three sets. Identify records, labeling and documents with at least the Exhibits' number, date of EI and your initials. See IOM 527.02.

594.01 - Electronic information

Electronic information, databases or summary data from databases may be obtained from firms and evaluated during the course of an EI. This data may form the basis for observations or information included in the EIR. It is preferable to include a printed version and/or a summary of the data as an exhibit. When it is included as an exhibit to the EIR, it should be stored so as to protect the integrity of the data. See IOM 527.03 for procedures for collecting and identifying electronic data. Electronic media should be protected from extreme temperatures and most magnetic fields. Additional precautions may be necessary and you should be guided by your district procedures for storage of electronic data.

595 - ADDENDUM TO EIR

If your EIR requires correcting or clarification after it has been finalized, signed and distributed, you should prepare an addendum, with your supervisor's approval. The addendum should clearly identify itself with the EIR being added to, explain the necessity for the addendum, and clearly define what section(s) and page(s) are being revised. The addendum must be signed by the preparer.

DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE FOOD AND DRUG ADMINISTRATION		1. DISTRICT ADDRESS & PHONE NO. Rm 508 Federal Office Building 30 U.N. Plaza San Francisco, CA 94102	
TO	2. NAME AND TITLE OF INDIVIDUAL Robert K. Thompson, Plant Manager		3. DATE 5-15-85
	4. FIRM NAME Garden City Nut Shellers		5. HOUR 8:30 a.m. p.m.
	6. NUMBER AND STREET 2704 Sellers Ave		
	7. CITY AND STATE & ZIP CODE San Jose, CA 95131		8. PHONE # & AREA CODE (408)123-4567
Notice of Inspection is hereby given pursuant to Section 704(a)(1) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(1)]¹ and/or Part F or G, Title III of the Public Health Service Act [42 U.S.C. 262-264]²			
9. SIGNATURE (<i>Food and Drug Administration Employee(s)</i>)		10. TYPE OR PRINT NAME AND TITLE (<i>FDA Employee(s)</i>) Sidney H. Rogers, Investigator	
<p>¹Applicable to portions of Section 704 and other Sections of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374] are quoted below:</p> <p>Sec. 704. (a)(1) For purposes of enforcement of this Act, officers or employees duly designated by the Secretary, upon presenting appropriate credentials and a written notice to the owner, operator, or agent in charge, are authorized (A) to enter, at reasonable times, any factory, warehouse, or establishment in which food, drugs, devices, or cosmetics are manufactured, processed, packed, or held, for introduction into interstate commerce or after such introduction, or to enter any vehicle being used to transport or hold such food, drugs, devices, or cosmetics in interstate commerce; and (B) to inspect, at reasonable times and within reasonable limits and in a reasonable manner, such factory, warehouse, establishment, or vehicle and all pertinent equipment, finished and unfinished materials, containers and labeling therein. In the case of any factory, warehouse, establishment, or consulting laboratory in which prescription drugs, nonprescription drugs intended for human use, or restricted devices are manufactured, processed, packed, or held, the inspection shall extend to all things therein (<i>including records, files, papers, processes, controls, and facilities</i>) bearing on whether prescription drugs, nonprescription drugs intended for human use, or restricted devices which are adulterated or misbranded within the meaning of this Act, or which may not be manufactured, introduced into interstate commerce, or sold, or offered for sale by reason of any provision of this Act, have been or are being manufactured, processed, packed, transported, or held in any such place, or otherwise bearing on violation of this Act. No inspection authorized by the preceding sentence or by paragraph (3) shall extend to financial data, sales data other than shipment data, pricing data, personnel data (<i>other than data as to qualifications of technical and professional personnel performing functions subject to this Act</i>), and research data (<i>other than data, relating to new drugs, antibiotic drugs and devices and, subject to reporting and inspection under regulations lawfully issued pursuant to section 505(i) or (k), section 507(d) or (g), section 519, or 520(g), and data relating to other drugs or devices which in the case of a new drug would be subject to reporting or inspection under lawful regulations issued pursuant to section 505(j) of the title</i>). A separate notice shall be given for each such inspection, but a notice shall not be required for each entry made during the period covered by the inspection. Each such inspection shall be commenced and completed with reasonable promptness.</p> <p>Sec. 704(e) Every person required under section 519 or 520(g) to maintain records and every person who is in charge or custody of such records shall, upon request of an officer or employee designated by the Secretary, permit such officer or employee at all reasonable times to have access to and to copy and verify, such records.</p> <p>Sec. 704(f)(1) A person accredited under section 523 to review reports under section 510(k) and make recommendations of initial classifications of devices to the Secretary shall maintain records documenting the training qualifications of the person and the employees of the person for handling confidential information, the compensation arrangements made by the person, and the procedures used by the person to identify and avoid conflicts of interest. Upon the request of an officer or employee designated by the Secretary, the person shall permit the officer or employee, at all reasonable times, to have access to, to copy, and to verify, the records.</p> <p>Section 512 (l)(1) In the case of any new animal drug for which an approval of an application filed pursuant to subsection (b) is in effect, the applicant shall establish and maintain such records, and make such reports to the Secretary, of data relating to experience and other data or information, received or otherwise obtained by such applicant with respect to such drug, or with respect to animal feeds bearing or</p>		<p>²Applicable sections of Parts F and G of Title III Public Health Service Act [42 U.S.C. 262-264] are quoted below:</p> <p>Part F - Licensing - Biological Products and Clinical Laboratories and *****</p> <p>Sec. 351(c) "Any officer, agent, or employee of the Department of Health & Human Services, authorized by the Secretary for the purpose, may during all reasonable hours enter and inspect any establishment for the propagation or manufacture and preparation of any virus, serum, toxin, antitoxin, vaccine, blood, blood component or derivative, allergenic product or other product aforesaid for sale, barter, or exchange in the District of Columbia, or to be sent, carried, or brought from any State or possession into any other State or possession or into any foreign country, or from any foreign country into any State or possession."</p> <p>Part F - ***** Control of Radiation.</p> <p>Sec. 360 A (a) "If the Secretary finds for good cause that the methods, tests, or programs related to electronic product radiation safety in a particular factory, warehouse, or establishment in which electronic products are manufactured or held, may not be adequate or reliable, officers or employees duly designated by the Secretary, upon presenting appropriate credentials and a written notice to the owner, operator, or agent in charge, are thereafter authorized (1) to enter, at reasonable times any area in such factory, warehouse, or establishment in which the manufacturer's tests (or testing programs) required by section 358(h) are carried out, and (2) to inspect, at reasonable times and within reasonable limits and in a reasonable manner, the facilities and procedures within such area which are related to electronic product radiation safety. Each such inspection shall be commenced and completed with reasonable promptness. In addition to other grounds upon which good cause may be found for purposes of this subsection, good cause will be considered to exist in any case where the manufacturer has introduced into commerce any electronic product which does not comply with an applicable standard prescribed under this subpart and with respect to which no exemption from the notification requirements has been granted by the Secretary under section 359(a)(2) or 359(e)."</p> <p>(b) "Every manufacturer of electronic products shall establish and maintain such records (including testing records), make such reports, and provide such information, as the Secretary may reasonably require to enable him to determine whether such manufacturer has acted or is acting in compliance with this subpart and standards prescribed pursuant to this subpart and shall, upon request of an officer or employee duly designated by the Secretary, permit such officer or employee to inspect appropriate books, papers, records, and documents relevant to determining whether such manufacturer has acted or is acting in compliance with standards prescribed pursuant to section 359(a)."</p> <p>*****</p>	

“The Secretary may by regulation (1) require dealers and distributors of electronic products, to which there are applicable standards prescribed under this subpart and the retail prices of which is not less than \$50, to furnish manufacturers of such products such information as may be necessary to identify and locate, for purposes of section 359, the first purchasers of such products for purposes other than resale, and (2) require manufacturers to preserve such information. Any regulation establishing a requirement pursuant to clause (1) of the preceding sentence shall (A) authorize such dealers and distributors to elect, in lieu of immediately furnishing such information to the manufacturer to hold and preserve such information until advised by the manufacturer or Secretary that such information is needed by the manufacturer for purposes of section 359, and (B) provide that the dealer or distributor shall, upon making such election, give prompt notice of such election (together with information identifying the notifier and the product) to the manufacturer and shall, when advised by the manufacturer or Secretary, of the need therefor for the purposes of Section 359, immediately furnish the manufacturer with the required information. If a dealer or distributor discontinues the dealing in or distribution of electronic products, he shall turn the information over to the manufacturer. Any manufacturer receiving information pursuant to this subsection concerning first purchasers of products for purposes other than resale shall treat it as confidential and may use it only if necessary for the purpose of notifying persons pursuant to section 359(a).”

Sec. 360 B.(a) It shall be unlawful-

(1) ***

(2) ***

(3) “for any person to fail or to refuse to establish or maintain records required by this subpart or to permit access by the Secretary or any of his duly authorized representatives to, or the copying of, such records, or to permit entry or inspection, as required or pursuant to section 360A.”

Part G – Quarantine and Inspection

Sec. 361(a) “The Surgeon General, with the approval of the Secretary is authorized to make and enforce such regulations as in his judgement are necessary to prevent the introduction, transmission, or spread of communicable diseases from foreign countries into the States or possessions, or from one State or possession into any other State or possession. For purposes of carrying out and enforcing such regulations, the Surgeon General may provide for such inspection, fumigation, disinfection, sanitation, pest extermination, destruction of animals or articles found to be so infected or contaminated as to be sources of dangerous infection to human beings, and other measures, as in his judgement may be necessary.”

(Reverse of Form FDA 482)

ATTACHMENT TO FDA 482

Resources for FDA Regulated Businesses

The U.S. Food and Drug Administration strives to protect, promote and enhance the health of the American people, while minimizing the regulatory burden on the industries it regulates. You have a right to disagree with any agency decision, action, or operation without fear of retaliation. You also have a right to be treated with appropriate courtesy and respect. If you are dissatisfied with any agency decision or action, you may appeal to the supervisor of the employee who made the decision or took the action. If the issue is not resolved at the first supervisor’s level, you may request that the matter be reviewed at the next higher supervisory level. This process may continue through the agency’s chain of command.

To resolve a problem with your company’s interaction with FDA, or if you have questions or concerns about FDA rules or procedures, we suggest that you first write or call your district office to explain your concerns. If you are not satisfied with the help provided by the district office, you may take your complaint or concern to the regional office. If that effort is not satisfactory, contact FDA’s Office of the Chief Mediator and Ombudsman for further assistance and guidance.

Contact the **District Office** if you have a concern or question about an inspection, an import or export issue, or any other action taken by an FDA field representative. The District Office will provide you with the name and phone number of someone who will review the matter and provide assistance.

District	Telephone
Atlanta	(404) 253-1164
Baltimore	(410) 779-5454
Chicago	(312) 353-5863
Cincinnati	(513) 679-2700
Dallas	(214) 253-5200
Denver	(303) 236-3017
Detroit	(313) 393-8100
Florida	(407) 475-4700
Kansas City	(913) 752-2100
Los Angeles	(949) 608-2900

District	Telephone
Minneapolis	(612) 334-4100
New England	(781) 596-7700
New Jersey	(973) 526-6000
New Orleans	(504) 253-4500
New York	(718) 340-7000
Philadelphia	(215) 597-4390
San Francisco	(510) 337-6700
San Juan	(787) 474-9500
Seattle	(425) 486-8788
Southwest Import	(214) 253-5330

Contact the **Regional Office** for further help if you were not able to effectively resolve the issue with the assistance of the district office. Telephone numbers for the regional offices and a list of the states covered by each region are on the Internet at http://www.fda.gov/ora/hier/ora_field_names.txt.

Contact the **Office of the Chief Mediator and Ombudsman** at 301-827-3390 if you have been unsuccessful in resolving a problem at the district and regional levels. The office’s home page is on the Internet at <http://www.fda.gov/oc/ombudsman/homepage.htm>.

The Small Business Administration also has an ombudsman. The **Small Business and Agriculture Regulatory Enforcement Ombudsman** and 10 Regional Fairness Boards receive comments from all kinds of small businesses about federal agency enforcement actions and annually evaluate the enforcement activities, rating each agency’s responsiveness to small business. If you wish to comment on the enforcement actions of FDA, call 1-888-734-3247. The ombudsman’s home page is on the Internet at <http://www.sba.gov/ombudsman>.

Small Business Guide to FDA

Internet at http://www.fda.gov/ora/fed_state/small_business/sb_guide/intro.html

Office of Regulatory Affairs (ORA)

Internet at http://www.fda.gov/ora/ora_home_page.html

Food and Drug Administration (FDA)

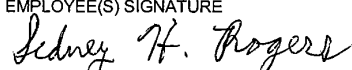
Internet at <http://www.fda.gov>

DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE FOOD AND DRUG ADMINISTRATION		1. DISTRICT ADDRESS & PHONE NO. Rm 5003 Federal Office Building 909 1 st Ave. Seattle, WA 98174 (206)442-5304	
TO	2. NAME AND TITLE OF INDIVIDUAL Howard M. Allgreen, Pharmacist-Owner		3. DATE 5-16-85
	4. FIRM NAME Darlings Drug Store		5. HOUR 2:00 p.m.
	6. NUMBER AND STREET 312 Main Street		
	7. CITY AND STATE & ZIP CODE Medford, OR 97501		8. PHONE # & AREA CODE (503)765-4321
✓ TO COLLECT SAMPLES ONLY Notice of Inspection is hereby given pursuant to Section 704(a)(1) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(1)] ¹ and/or Part F or G, Title III of the Public Health Service Act [42 U.S.C. 262-264] ²			
9. SIGNATURE (<i>Food and Drug Administration Employee(s)</i>)		10. TYPE OR PRINT NAME AND TITLE (<i>FDA Employee(s)</i>) Sidney H. Rogers, Investigator	

FORM FDA 482 (9/00)

PREVIOUS EDITION IS OBSOLETE

NOTICE OF INSPECTION

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION			
DISTRICT OFFICE ADDRESS AND PHONE NUMBER Minneapolis District 240 Hennipin Ave. Minneapolis, MN 55401 (612) 787-3904		DATE(S) OF INSPECTION 1/5-7/2004	
		FEI NUMBER 0000112233	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT IS ISSUED TO: William S. Gundstrom, Vice President, Production			
FIRM NAME Topline Pharmaceuticals "T.L.P. "		STREET ADDRESS 2136 Elbe Place	
CITY, STATE AND ZIP CODE Jackston, MN 55326		TYPE OF ESTABLISHMENT INSPECTED Tablet Repacker	
<p>THIS DOCUMENT LISTS OBSERVATIONS MADE BY THE FDA REPRESENTATIVE(S) DURING THE INSPECTION OF YOUR FACILITY. THEY ARE INSPECTIONAL OBSERVATIONS; AND DO NOT REPRESENT A FINAL AGENCY DETERMINATION REGARDING YOUR COMPLIANCE. IF YOU HAVE AN OBJECTION REGARDING AN OBSERVATION, OR HAVE IMPLEMENTED, OR PLAN TO IMPLEMENT CORRECTIVE ACTION IN RESPONSE TO AN OBSERVATION, YOU MAY DISCUSS THE OBJECTION OR ACTION WITH THE FDA REPRESENTATIVE(S) DURING THE INSPECTION OR SUBMIT THIS INFORMATION TO FDA AT THE ADDRESS ABOVE. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT FDA AT THE PHONE NUMBER AND ADDRESS ABOVE.</p> <p>DURING AN INSPECTION OF YOUR FIRM (I) WERE OBSERVED:</p> <p>List your observations in a logical and concise manner.</p> <p>(See IOM 512, 512.01, & 512.02)</p>			
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE 	EMPLOYEE(S) NAME AND TITLE (<i>Print or Type</i>) Sidney H. Rogers, Investigator	DATE ISSUED 1/7/2004

The observations of objectionable conditions and practices listed on the front of this form are reported:

1. Pursuant to Section 704(b) of the Federal Food, Drug and Cosmetic Act, or
2. To assist firms inspected in complying with the Acts and regulations enforced by the Food and Drug Administration.

Section 704(b) of the Federal Food, Drug, and Cosmetic Act (21 USC 374(b)) provides:

"Upon completion of any such inspection of a factory, warehouse, consulting laboratory, or other establishment, and prior to leaving the premises, the officer or employee making the inspection shall give to the owner, operator, or agent in charge a report in writing setting forth any conditions or practices observed by him which, in his judgement, indicate that any food, drug, device, or cosmetic in such establishment (1) consists in whole or in part of any filthy, putrid, or decomposed substance, or (2) has been prepared, packed, or held under insanitary conditions whereby it may have become contaminated with filth, or whereby it may have been rendered injurious to health. A copy of such report shall be sent promptly to the Secretary."

DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE FOOD AND DRUG ADMINISTRATION		1. DISTRICT ADDRESS & PHONE NUMBER 850 Third Ave. Brooklyn, NY 11232 718-340-7000	
2. NAME AND TITLE OF INDIVIDUAL <u>Richard R. Frost, Gen. Mgr.</u>		3. DATE 12/4/98	4. SAMPLE NUMBER 32528
5. FIRM NAME Quality Wholesale Drug Co.		6. FIRM'S DEA NUMBER <u>AB3632918</u>	
7. NUMBER AND STREET 3146 Front St.		8. CITY AND STATE (Include Zip Code) <u>Brooklyn, NY 11232</u>	
9. SAMPLES COLLECTED (Describe fully. List lot, serial, model numbers and other positive identification)			
<p>___The following samples were collected by the Food and Drug Administration and receipt is hereby acknowledged pursuant to Section 704(c) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(c)] and/or Section 532(b) of the Federal Food, Drug and Cosmetic Act [21 USC 360ii(b)] and/or 21 Code of Federal Regulations (CFR) 1307.02. Excerpts of these are quoted on the reverse of this form.</p> <p>(NOTE: If you bill FDA for the cost of the Sample(s) listed below, please attach a copy of this form to your bill.)</p> <p>One box of 25-1cc ampoules, Diloudid HCL (hydromorphone) 2 mg/cc, lot # 0103213 manufactured by Noll Drug Co., Orange, NJ.</p>			
10. SAMPLES WERE <input type="checkbox"/> PROVIDED AT NO CHARGE <input type="checkbox"/> PURCHASED <input type="checkbox"/> BORROWED (To be returned)		11. AMOUNT RECEIVED FOR SAMPLE <input type="checkbox"/> CASH <input type="checkbox"/> BILLED <input type="checkbox"/> VOUCHER <input type="checkbox"/> CREDIT CARD	
13. COLLECTOR'S NAME (Print or Type) <u>Sylvia A. Rogers</u>		12. SIGNATURE (Person receiving payment for sample or person providing sample to FDA at no charge.) <u>Dealer Affadavit signed</u>	
14. COLLECTOR'S TITLE (Print or Type) <u>Investigator</u>		15. COLLECTOR'S SIGNATURE <u>Sylvia A. Rogers</u>	

Section 704(c) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(c)] is quoted below:

“If the officer or employee making any such inspection of a factory, warehouse, or other establishment has obtained any sample in the course of the inspection, upon completion of the inspection and prior to leaving the premises he shall give to the owner, operator, or agent in charge a receipt describing the samples obtained.”

Section 332(b) of The Federal Food, Drug and Cosmetic Act [21 USC 360 ii (b)]is quoted in part below:

“Section 532(b) in carrying out the purposes of subsection (a), the Secretary is authorized to –

- (1) ***
- (2) ****
- (3) ****

(4) procure (by negotiation or otherwise) electronic products for research and testing purposes, and sell or otherwise dispose of such products.”

21 Code of Federal Regulations 1307.02 is quoted below:

“1307.02 Application of State law and other Federal law.

Nothing in this chapter shall be construed as authorizing or permitting any person to do any act which such person is not authorized or permitted to do under other Federal laws or obligations under international treaties, conventions or protocols, or under the law of the State in which he/she desires to do such act nor shall compliance with such be construed as compliance with other Federal or State laws unless expressly provided in such other laws.”

Therefore, in the event any samples of controlled drugs are collected by FDA representatives in the enforcement of the Federal Food, Drug, and Cosmetic Act, the FDA representative shall issue a receipt for such samples on FDA form FDA 484, RECEIPT FOR SAMPLES, to the owner, operator, or agent in charge of the premises.

Report of analysis will be furnished only where samples meet the requirements of Section 704(d) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(d)] which is quoted below:

“Whenever in the course of any such inspection of a factory or other establishment where food is manufactured, processed, or packed, the officer or employee making the inspection obtains a sample of such food, and an analysis is made of such sample for the purpose of ascertaining whether such food consists in whole or in part of any filthy, putrid, or decomposed substance, or is otherwise unfit for food, a copy of the results of such analysis shall be furnished promptly to the owner, operator, or agent in charge.”

(Reverse of Form FDA-484)

SAMPLE OF SITUATIONAL PLAN

Threat Perception: This is the area where the issues are identified and assessed and will assist in the decision making process. It should be noted that the threat perception/assessment must be fluid. In other words, while the threat assessment may identify certain situations, if during the implementation of the plan, other things are identified, these must also be addressed.

Here are some examples of things that you may wish to consider while conducting the threat assessment. This is only a partial listing. Investigators and their management are encouraged to consider these issues as well as others not listed here.

- Government Agencies: Has the firm or individual been hostile or expressed disdain over the government?
- Neighborhood/Clientele: Is the neighborhood known to be an area which may be unsafe? Or a neighborhood that is in an area where illegal activities occur?
- Security: Is there security at the firm? How close is the facility from the nearest police station?
- Weapons: Have weapons been seen or drawn during previous inspections? Is it a facility where weapons are known or believed to be on site?
- Background: What has been the past practices of this firm or individual during previous inspections? Do you have any previous inspectional history?
- NCIC: Does your inspection or investigation lean toward the possibility of illegal activities? You and your supervisor may want to consider contacting OCI to conduct an NCIC on a specific individual?
- Exits: Are you aware of the exits in the facility? Is there more than one in the event that you need to exit quickly?
- People: Will there be other people either around the facility or firm? Or is it an isolated situation?
- Timing: What possible impact will the timing of your inspection have on the situation? Is morning or afternoon a better time to visit?
- Type of Business: What is the type of business? Do we have any information on the type of business? Is it a large or small facility? Will that change your approach?
- Unannounced/Announced: Will an unannounced inspection be beneficial in this situation? Will an announced inspection be beneficial?
- Isolated: Is the facility within other establishments? Or is it isolated?

Position of Advantage: Once you have assessed the possible threats in your situation, your plan should include all of the tools that you possess to assist you in handling this situation successfully. For example, what training, experience and other tools do you have at your disposal to assist. This should also include your position and the individual's position. Here are a few more topics to consider when assessing your Position of Advantage.

- Cell Phone - Do you have a cell phone? Will it work in the facility you are inspecting.
- Unmarked car: Will an unmarked car assist your position of advantage?
- Communication Plan: How will you communicate with your office? Your Supervisor? Other team members? Who will be in charge of the communications? Do you have a cell phone or other communication device? Do you have a code word established to assist you and the team when and if it's necessary to leave the facility quickly? Are your cell phones or radios pre-programmed with the local police phone number in the event of an emergency? Keep in mind that 911 phone calls can not be traced to cell phone locations.

- **Team:** Do you need a team of individuals knowledgeable to assist in this inspection/investigation?
- **Roles:** If you are using multiple people for the investigation/inspection, have you delineated who will do what?
- **Surveillance:** Do you need surveillance before you start the investigation/inspection?
- **Local police:** Do you need to check in with the local police? Is it possible in your locality for the police to assist, if needed? Do the police know the area where you will be?
- **Training and Experience:** What training courses will you have to draw from? Should you refresh those specific skills before the investigation/inspection? What other similar experiences have you had that may assist you in this situation?

Response: Once you have identified your position of advantage, the response portion of the plan will identify how you are going to execute the plan. This is where you fill in all of the specifics of what was listed as the position of advantage.

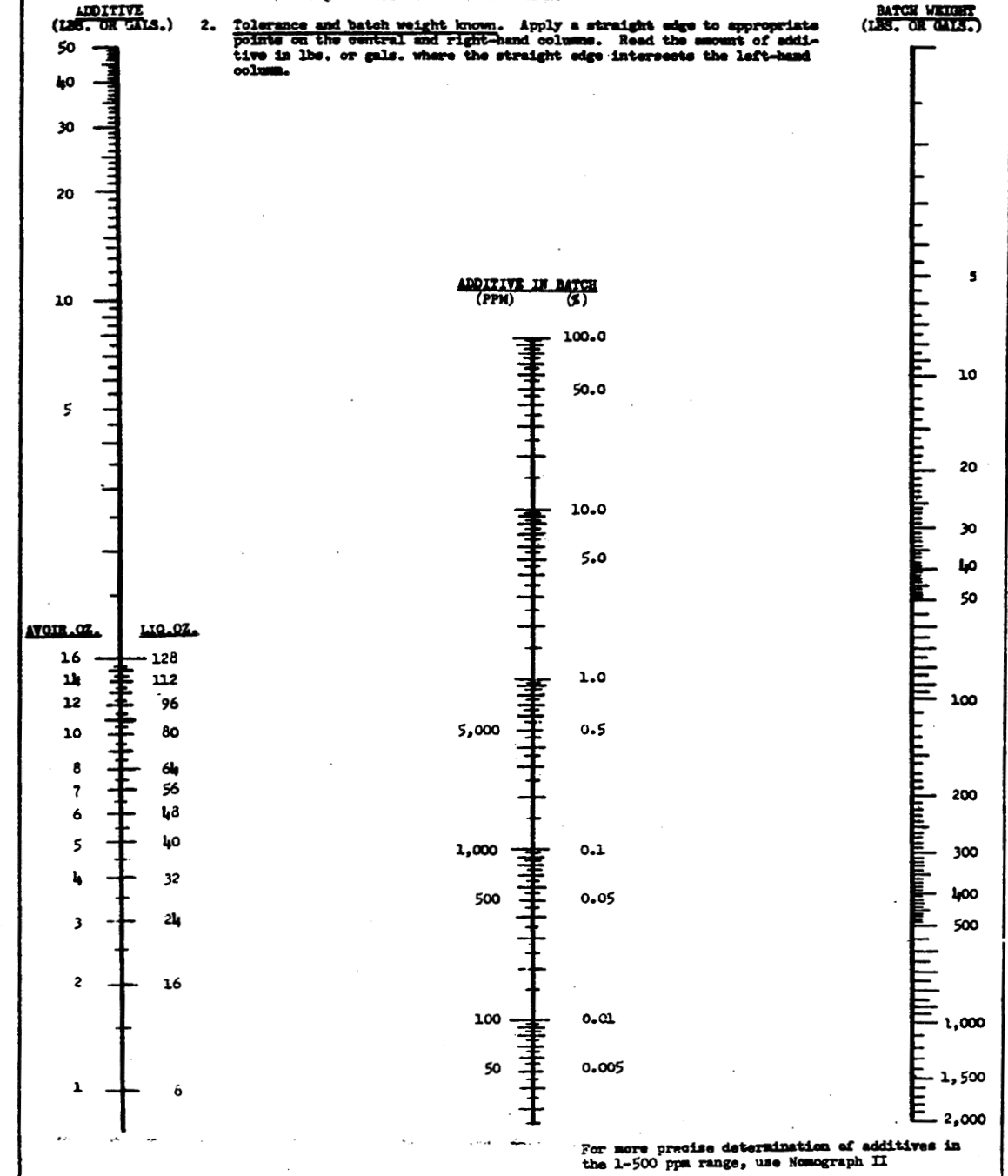
Your response plan needs to be fluid as well. For example, if things begin to change during the implementation phase of the plan, this may prompt the response to change. This may require reassessment of the position advantage and the plan if that happens, the investigator and/or inspection team should contact their supervisor when possible.

If your personal safety is at risk, you should follow the instructions outlined by the IOM Subchapter 140 and remove yourself from the situation, notify your supervisor and document the situation.

Evaluation: This is done after the plan has been implemented. Were your actions effective? Are other actions necessary? Is the situation under control? Is the inspection team safe? What are the next steps? This evaluation or debriefing should include all of the team members in order to fully evaluate the situation.

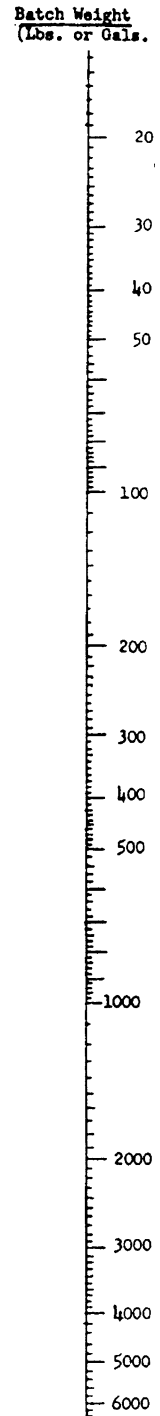
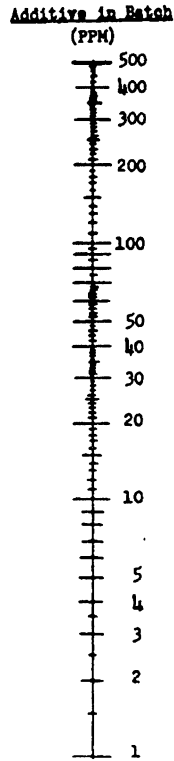
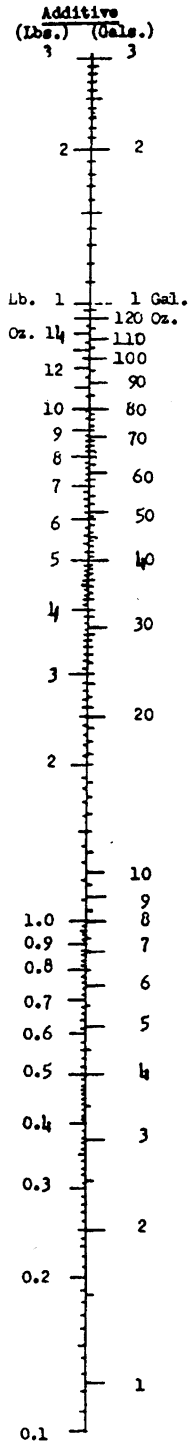
FOOD ADDITIVES NOMOGRAPH - I

1. Additive and batch weight known. Apply a straight edge to appropriate points on outside columns. Read ppm and/or percent additive where straight edge intersects central column.
2. Tolerance and batch weight known. Apply a straight edge to appropriate points on the central and right-hand columns. Read the amount of additive in lbs. or gals. where the straight edge intersects the left-hand column.



FOOD ADDITIVES NOMOGRAPH - II

1. Additive and batch weight known. Apply a straight edge to appropriate points on outside columns. Read ppm and/or percent additive where straight edge intersects central column.
2. Tolerance and batch weight known. Apply a straight edge to appropriate points on the central and right-hand columns. Read the amount of additive in lbs. or gals. where the straight edge intersects the left-hand column.



SUMMARY OF REGISTRATION AND LISTING REQUIREMENTS FOR THE MANUFACTURE OR DISTRIBUTION OF HUMAN PHARMACEUTICALS		
TYPE OF FIRM	REGISTRATION STATUS	LISTING STATUS
Manufacturer [including homeopathic & controlled drugs]	yes	yes
Contract Manufacturer	yes	yes*
Own Label Distributor	no	yes
Wholesale Distributor	no	no
Own Label Repacker	yes	yes
Own Label Relabeler [including recirculizer]	yes	yes
Contract Relabeler	yes	no
Contract Testing Laboratory [dosage forms & active ingredient release]	yes	no
Contract Testing Lab [doing non-release tests]	no	no
Contract Sub-Manufacturer	yes	no
IND Manufacturer [Clinical Drugs]	no	no
NDA and ANDA Manufacturer	yes	yes
Sponsor/Monitors/Clinical Investigator	no	no
Contract Sterilizer	yes	no
Fulfillment Packager [adding substantive labeling]	yes	no
Mail Order House [adding insubstantial labeling]	no	no
Printing House	no	no
Medical Gas Transfiller	yes	yes
First Aid/Rescue Squad [transfilling for own use]	no	no
Medical Gas Transfiller [operating out of a van]	yes	yes
Contract Assembler	yes	no
Active Drug Substance Manufacturer	yes	yes
Excipient Drug Manufacturer	no	no
Manufacturer of Research Drugs	no	no
Drug Importer	no	no
Foreign Drug Manufacturer	voluntary	yes
Methadone Clinic	no	no
Retail Pharmacy	no	no
Manufacturing Pharmacy	yes	yes
Regional Admixture Pharmacy	yes	no

*Products packaged/marketed under the contract manufacturer's own label must be listed by the Contract Manufacturer.

SUMMARY OF REQUIREMENTS FOR THE MANUFACTURE OR DISTRIBUTION OF SUBSTANTIALLY EQUIVALENT MEDICAL DEVICES

	Operation	Submit 510(k)	Register	List	COMPLY W/GMP
1.	MANUFACTURE AND DISTRIBUTE DEVICE	YES: 807.81(a)	YES 807.20	Yes 807.20(a)	YES
2.	CONTRACT MANUFACTURER WHO COMMERCIALY DISTRIBUTES DEVICE FOR SPECIFICATIONS DEVELOPER	NO: 807.81(a)	YES IF DOMESTIC: 807.20(a)(2), YES IF FOREIGN 807.40(a)	YES IF DOMESTIC 807.20(a)(2), YES IF FOREIGN 807.40(a)	NO
3	CONTRACT MANUFACTURER WHO DOES NOT COMMERCIALY DISTRIBUTE DEVICE FOR SPECIFICATIONS DEVELOPER	NO	NO: 807.20(c)(1)	NO: 807.20(c)(1)	NO
4	MANUFACTURER MODIFIES DEVICE OR NEW INTENDED USE AND DISTRIBUTE	NO: PREAMBLE NO. 17 & 18 FR 8/23/77 YES: 807.81(a)(3) WITH SIGNIF. CHANGE IN DEVICE OR USE	YES 807.20(a)	YES 807.20(a)	YES
5	DISTRIBUTE U.S. MADE DEVICE: NO SPECIFICATION INITIATION (DOMESTIC DISTRIBUTOR)	NO: 807.85(b)	NO: 510(g)(4) OF ACT, 807.20(c)(3)	NO	NO
6	SPECIFICATION INITIATOR AND DISTRIBUTE ONLY	YES: 807.81(a)	YES: 807.20(a)(1) PREAMBLE NO. 5, FR 8-23-77	YES: 807.20(a)(1)	YES: 820.181, etc.
7	SPECIFICATION CONSULTANT ONLY; NO DISTRIBUTION	NO	NO: PREAMBLE NO, 5, FR 8-3-77	NO	NO
8	RELABELER OR REPACKER: DISTRIBUTE UNDER OWN NAME	NO: 807.85(b): NO CHANGE TO DEVICE OR EXISTING LABELING	YES: 807.20(a)(3)	YES: 807.20(a)(3) PREAMBLE NO. 7, FR 8-25-78	YES
9	KIT ASSEMBLER USING PRE LABELED & PREPACKAGED DEVICES ONLY	NO: NO CHANGE IN DEVICE OR EXISTING LABELING OTHER THAN ADDING DIST. NAME & ADDRESS 807.81(a)(3)	YES: 807.20(a)	YES: 807.20(a)	NO
10	KIT ASSEMBLER CHANGES INTENDED USE (801.4) OF PRE PACKAGED/PRE LABELED DEVICES	YES: 807.81(a)	YES: 807.20(a)(2)	YES: 807.20(a)(2)	YES: 820.120, 820.130, etc.
11	KIT ASSEMBLER CHANGES PRE PACKAGED/PRE LABELED DEVICES	NO: IF NO SIGNIFICANT CHANGE TO LABELING OR DEVICE: OTHERWISE YES: 807.81(a)(3)(f)	YES: 807.20(a)(3)	YES: 807.20(a)(3)	YES
12	MANUF. ACCESSORY, COMPONENT AND PACKAGE & LABEL FOR HEALTH PURPOSE TO END USER.	YES: 807.81(a)	YES: 807.20(a)(5) PREAMBLE NO. 77, FR 8-25-78	YES: 807.20(a)(5)	YES
13	MANUF. COMPONENTS & DIST. ONLY TO FINISHED DEVICE MFR.	NO: 807.81(a)	NO: 807.65(a)	NO	USE AS GUIDE: 820.1
14	CONTRACT MFR. OF SUBASSEMBLY OR COMPONENT (SEE NO. 12, ACCESSORY)	NO	NO	NO	PRIMARY MFR. MUST SEE THAT GMP IS MET PREAMBLE NO. 33, FR 7-21-78
15	CONTRACT PACKAGER OR LABELER	NO	NO	NO	PRIMARY MFR. MUST SEE THAT GMP IS MET PREAMBLE NO. 33, FR 7-21-79
16	CONTRACT STERILIZER WHO COMMERCIALY DISTRIBUTES DEVICE	NO	YES if Domestic 807.20(a)(2), YES if foreign 807.40(a)	YES if Domestic 807.20(a)(2), YES if foreign 807.40(a)	YES
17	CONTRACT STERILIZER WHO DOES NOT COMMERCIALY DISTRIBUTE DEVICE	NO	NO: 807.20(c)(2)	NO: 807.20(c)(2)	YES
18	MANUFACTURE CUSTOM DEVICE (DOMESTIC OR FOREIGN)	NO: 807.85(a)(1)&(2)	YES 807.20(a)(2)	YES 807.20(a)(2)	YES: ALSO SEE 520(b); 520(f)
19	U.S. ESTABLISHMENT WHO MANUFACTURES FOR EXPORT ONLY	NO	YES 807.20(a)(2)	YES 807.20(a)(2)	YES
20	FOREIGN MANUFACTURERS AND ALL FOREIGN ESTABLISHMENTS	YES: 807.81 FOREIGN MFR. HAS PRIMARY RESPONSIBILITY, BUT MAY DELEGATE TO AN INIT. DIST.	YES, 807.40(a)	YES 807.40(a)	YES
21	INITIAL DISTRIBUTOR/IMPORTER OF DEVICE	YES: 807.81(a) OR 807.85(b) UNLESS 510(k) HAS BEEN FILED BY FOREIGN MANUFACTURER OR ANOTHER INIT. DIST	YES: 807.40(a)	NO: Enforcement discretion used for 807.22©	YES: 807.3(d), 820.198, 820.100, 820.200, etc.
22	INSTALLER-MFR.'S AGENT	NO	NO	NO	YES: 820.170
23	INSTALLER-USER	NO	NO	NO	NO: FOR X-RAY SEE 1020.30(d) REPORT
24	DEVICE BEING INVESTIGATED UNDER IDE	EXEMPT: 812.1(a)	NO FOR DOMESTIC, YES FOR FOREIGN SINCE 807.65(f) - EXEMPTION DOES NOT APPLY TO FOREIGN ESTABLISHMENTS	NO: 807.40(c)	EXEMPT: BUT MUST HAVE A QA SYSTEM: 812.5, 812.20(b), 812.27:812.140(b): SEE 501C
25	MFR. BUYS MANUFACTURING RIGHTS FOR DEVICE (SEE NO. 4)	NO: PREAMBLE 18 FR 8-23-77 ONLY IF SAME TYPE OF MANUF. EQUIP. IS USED AND NO SIGNIF. CHANGE TO DEVICE	YES: 807.20(a)(2) IF NOT ALREADY REGISTERED	SEND LETTER TO FDA PER 807.30(b)(5) & 807.26	YES
26	REPROCESSOR OF SINGLE USE DEVICE	YES	YES: 807.20	YES: 807.20	YES
27	FOREIGN EXPORTER OF DEVICE (DEVICE MANUFACTURED IN FOREIGN COUNTRY)	YES: (THE ORIGINAL MANUFACTURER'S 510(k) MAYBE USED)	YES: 807.40 (a)	YES: 807.40 (a)	

IVD MANUFACTURER QUESTIONNAIRE
PLEASE PRINT

FIRM NAME: _____

ADDRESS: _____

CENTRAL FILE NUMBER: _____

FDA DISTRICT OFFICE: _____

1. Does the firm use human blood and/or blood products in the manufacturer of the IVD(s)?

____ NO ____ YES (If "NO", questionnaire is complete)

2. Are human blood and/or blood products **imported** for incorporation into the IVD(s)?

____ NO ____ YES

If yes, list the foreign countries where the products were collected and provide the name(s) and address(es) of the foreign establishment(s).

3. Are human blood and/or blood products obtained from a broker for incorporation into the IVD(s)?

____ NO ____ YES

If yes, list the name(s) and address(es) of the broker(s).

4. If question 2 and/or 3 above is answered "yes", please complete page 2 of this form.

IMPORTED BLOOD/BLOOD PRODUCTS REPORTING FORM

PRODUCT: (CHECK ALL APPLICABLE)

Container type - please circle

- HUMAN WHOLE BLOOD (TUBES BOTTLES BAGS)
HUMAN RED BLOOD CELLS (TUBES BOTTLES BAGS)
HUMAN PLASMA (TUBES BOTTLES BAGS)
HUMAN SERUM (TUBES BOTTLES BAGS)
HUMAN RECOVERED PLASMA (FOR MANUFACTURING USE ONLY - INJECTABLES)
HUMAN RECOVERED PLASMA (FOR MANUFACTURING USE ONLY - NONINJECTABLES)
HUMAN SOURCE PLASMA (FOR MANUFACTURING USE ONLY - INJECTABLES)
HUMAN SOURCE PLASMA (FOR MANUFACTURING USE ONLY - NONINJECTABLE)

CRITERIA: (PLEASE CIRCLE)

- 1. SPECIFICATIONS OF THE IVD MANUFACTURER FOR ACCEPTANCE OF THE HUMAN BLOOD/BLOOD PRODUCTS (21 CFR 820.50): SOP CONTRACTUAL AGREEMENT
2. DO THE PRODUCTS AND TESTING SPECIFICATIONS LISTED IN #1 ABOVE MATCH THE SHIPPING DOCUMENTATION? YES NO (Check a representative sample)
3. DEPENDING ON THE TYPE OF PRODUCT IMPORTED, DOES IT MEET THE CRITERIA FOR IMPORTATION STATED IN THE REGULATORY PROCEDURES MANUAL, CHAPTER 9, (IMPORT OPERATIONS/ ACTIONS)? YES NO (Check a representative sample)

COMMENTS: (attach additional pages as needed)

Two horizontal lines for writing comments.

Fax the completed questionnaire to CBER, Office of Compliance and Biologics Quality, Division of Case Management (HFM-610), Import/Export Team at (301)594-0940.

FACTSTRN - Citrix ICA Client

FACTS V.2 - [Maintain Inspection Results]

Action Edit Options Navigate Tracing Window Help

Page 1 Page 2

Inspection Results

FEL: 800900702 B Name: Standard Seafood Co. Accomplishing District: MIN-DO Status: In Progress
 Address: 9056 Telegraph Rd. Start Date: 03/10/1999 Inspection Basis: Compliance
 Milwaukee, Wisconsin, 53204, United States Compltn Date: 03/22/1999 Compliance Number:

Inspected Processes & Conclusions

PAC	Establishment Type	Process (Product)	Reschedule Inspection Date	Re-Inspection Priority	Inspection Conclusion
0399	Manufacturer	16 P F T			Correction Indicated (C)

District Decisions

Final Decision?	Decision Date	Decision Type	Decision Made By	Organization Name	Remarks

Products Covered

Product Code	Establishment Type	Description	Additional Product Description
16 K F T 03	Manufacturer	Shrimp & Prawns, Breaded; Paper: P	

Count: *0
 Page Sec | At Ln Col | REC TRK EXT DVR WPH

FACTSTRN - Citrix ICA Client

FACTS V.2 - [Maintain Inspection Results]

Action Edit Options Navigate Tracing Window Help

Page 1 Page 2

Inspection Results

483 Issued? 483 Location: CF Jacket
 Endorsement Location: FACTS EIR Location: CF Jacket TRIPS Number:
 Endorsement Text: Previous inspection of 10/98 revealed significant violative conditions with respect to the firm's frozen raw breaded shrimp production and
 Inspection Summary: Firm is a manufacturer of frozen raw breaded shrimp and other frozen seafood products, included cooked shrimp and raw clams/

IB Suggested Actions

Action	Remarks
Citation	

Referrals

Org Name	Mail Code	Referral Reason
MBL CR	HFR-MND-10	violative EIR

Refusals

Inspection Refusals
Refusal to permit review of control records
Refusal to permit review of complaint files
Refusal to permit photography

Samples Collected

Sample Number
2232

Recall Numbers

Recall Number

Related Complaints

Consumer Complaint Number

Count: 1 v
 Page 1 Sec 1 | 1/1 | At 5.5" Ln 1 Col 1 | REC TRK EXT DVR WPH

STRN - Citrix ICA Client

FACTS V.2 - [Maintain Inspection Results]

tion Edit Options Navigate Tracing Window Help

Inspection Accomplishment Hours

Accomplishment Hours

Operation

Operation Code: 12 - Domestic Inspection Work Subject / Title: Food Program Inspector

Assignment Status: In Progress Status Date: 09/22/1999 Reimbursable:

Performing Org.: MIN-IB-SPV

Assignees Accomplishment Hours

Lead Instgtr	Employee Name	Position Class	Hours Credited To	PAC	Est Type	Process	Hours
<input checked="" type="checkbox"/>	Investigator, K	INV	MIN-DO				
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
							Total Hours:

Add
Delete
Duplicate

Inspection Basis

Find %

- Description
- Compliance
- Consumer Complaint
- Follow-Up Inspection
- Limited
- New Approval
- Surveillance

Find OK Cancel

Inspection Refusals

Find %

- Description
- No refusal
- Refusal to permit entry
- Refusal to allow inspection except by appointment or other
- Refusal to furnish qualitative or quantitative formulae
- Refusal to disclose or permit observation of mfr. procedures
- Refusal to permit review of control records
- Refusal to permit review of complaint files
- Refusal to permit review of sales or shipping records
- Refusal to permit collection of samples
- Refusal to permit photography

Find OK Cancel

FDA 483 Responses

483 Responses

Response Type	Response Mode	Response Date	Response Summary
equate, Requires Verification	Letter	09/21/1999	

OK
Add
Delete

Maintain Products Covered

Products Covered

FBI:

Name: Standard Seafood Co

Address: 9056 Telegraph Rd.
 Milwaukee, WI-53204
 United States

Discontinued Product ?	Product Code	Establishment Type	Description	Last Covered Date	
<input type="checkbox"/>	16 K F T 05	Manufacturer	Shrimp & Prawns, Breaded; Paper; Packaged	03/22/1999	*
<input type="checkbox"/>	16 J O N 05	Manufacturer	Shrimp & Prawns; Plastic, Synth; Heat Treated		
<input type="checkbox"/>	16 E H T 02	Manufacturer	Clams; Nonflex Plastic; Packaged Food (Not Comme		
<input type="checkbox"/>					
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FACTSPROD - Citrix ICA Client

FACTS V.2 [Compliance Achievements]

Action Edit Navigate Tracing Window Help

Compliance Achievements Refresh

Firm: Home District:

Address: Home District:

Reported By

Organization: Home District:

Employee: Home District:

Corrective Actions Add Delete

Product Code	PAC	Problem Type	Corrective Action	Verification Date	Reporting Organization	Correcting Organization

Reason for Correction Remarks Description

Linked Operations

Op ID	Type of Operation	Unique ID	Accomplishing Organization	Performing Organization	Status	Status Date

Logon: U

Start | Food And Drug Admin... | New Msg: -[General] | Oracle WEB Applicati... | FACTSPROD - Cit... | 4:09 PM

Updating Profile Data in FACTS

(This information is provided by DCIQA)

Profile data must be updated in FACTS to establish or update a firm's profile information. This should be done by the investigator in the preparation of the inspection record in FACTS before setting it to "awaiting endorsement" or, in the case of a potential OAI inspection, as soon as the investigator and supervisor concur that there is a reasonable probability that the inspection might result in an OAI recommendation. A FI (further action indicated) for a potential OAI should be entered into FACTS while the inspection is ongoing. (Note: an ad hoc compliance work can be created at the same time a profile is set to "FI.")

The FACTS investigator role:

For Domestic Inspections:

The investigator enters in "Initial" an "AC" in the Profile Status field inspections classified as NAI or VAI.

The investigator enters in "Initial" an "FI" immediately upon determining that the inspection has the potential to be classified as OAI.

(Note: For domestic inspections, it is no longer necessary to send hardcopy or e-mail documentation of Potential OAI Notifications to HFC-240).

For Foreign Inspections:

When a potential OAI inspection cannot immediately be entered into the FACTS record for a foreign firm, the investigator will contact Division of Field Investigations (DFI) by phone or FAX -- as soon as the potential OAI situation is known.

DFI will contact the Center and DCIQA. Notification should be FAXed (301-443-0343) or e-mailed to HFC-240.

Foreign Preapproval Inspections: When the preapproval inspection is the initial inspection of the firm and the preapproval inspection appears to be unacceptable, the investigator should not enter profile information but instead should uncheck the ProReq (profile required) box on the Maintain Inspections Results screen.

NOTE: For all Device inspections (foreign and domestic) record all applicable profiles for the establishment as having been covered if the inspection was at a minimum a Level 1, Abbreviated Inspection (QSIT).

For all drug inspections made utilizing the top-down systems approach, the same will apply.

The FACTS IB supervisor role:

For Domestic Inspections:

In the case of a NAI or VAI inspection the supervisor will set the "Record Final" status to "AC" on the profile screen when endorsing the inspection in FACTS.

In the case of a potential OAI inspection the supervisor adds, "Refer to Compliance (with date)" in the "Initial" Remarks field before sending the inspection to compliance.

For Foreign Inspections:

The supervisor verifies that the investigator has properly completed his/her role.

Whether the initial status is AC or FI, the supervisor will record "Refer to Center Compliance" (with date) in the "Initial" Remarks field on the profile screen.

For a potential OAI, center compliance will set the "Record in Review" status when they receive the EIR and update this field when any significant steps are made in the review process, and "Record Final" when they finish their review.

The district does not enter a "Final" status for any profile class for any foreign inspection.

For Biologics Core Team OAI Inspections (Foreign and Domestic):

The Team's compliance officers in OE will set the "Record in Review" status when they receive the EIR and update this field when any significant steps are made in the review process, and "Record Final" status when they finish their review and consultations with CBER.

The FACTS District Compliance role:

For domestic potential OAI inspections, the compliance officer sets FACTS to Record in Review as soon as the inspection is submitted to compliance branch for evaluation.

The compliance officer uses the Remarks field on the profile screen to keep track of the progress of the review and includes in Remarks if the action is submitted to a center or counsel (with date) for further review or opinion.

After the final evaluation, the compliance officer closes the inspection in Final with the district's decision. The type of action taken and date of action is included.

The FACTS Center Compliance role:

For foreign inspections, the Center compliance officer reviews all foreign inspections and enters the Final profile status on the profile screen.

For a potential OAI, center compliance will set the "Record in Review" status on the profile screen when they receive the EIR and update this field when any significant steps are made in the review process, and "Record Final" when they finish their review.

For foreign preapproval inspections: If, after review of an initial preapproval inspection which the district considered unacceptable and did not profile, the Center compliance officer reverses that decision and decides that inspection was acceptable, the compliance officer must notify the investigator so that the Initial profile information can be entered.

Profile Process

1. Prior to the inspection, the investigator should review the firm's profile history in the FACTS Firm Profile Record and make a copy to take with him/her on the inspection to assure that all profile class codes will be addressed during the inspection. Be sure to cover any unacceptable profile status.
2. When performing a top-down, systems-type and QSIT inspections for drugs and medical devices respectively, **all** profile classes applicable to the establishment and its products can be considered to have been covered by the inspection.
3. Add any "new" profile classes.
4. Include the last date of the inspection and the compliance status. Use the Remarks field to clarify information such as regulatory action taken or recommended and the date of such actions.
5. When a firm no longer manufactures products in a listed profile class, discontinue those class(es) in the profile record of FACTS using the **Discontinue** button. When a wrong profile class code has been entered, it can be deleted by the investigator using the **Delete** button on the profile screen if the information has not been saved. However, once it is saved, it cannot be deleted by the investigator. Contact DCIQA (HFC-240) to delete if this occurs. **Do not use the Discontinue function to delete an error.**
6. When profile classes BMI, NEC, SOL, or MIS are used to identify product(s) not elsewhere classified, be sure to use the remarks field on the profile screen to identify the product(s).
7. Make name and/or address changes using FACTS Firm Maintenance.
8. When a firm is doing business under a different name, use FACTS Firm Maintenance to list DBA's.
9. When reporting information into FACTS, if a firm is considered to be unacceptable by the District (or in the case of a foreign inspection, by the Center), any regulatory action recommended, and the date of the action, must be noted in the Remarks field of "In Review" on the profile screen. The same is true for the "Record Final." The Remarks field must include any regulatory action taken and the date. The Remarks field should be updated accordingly as the potential compliance action travels through the compliance subsystem of FACTS.
10. If, within a profile class, deficiencies are product(s) specific, and the overall profile class status is considered acceptable, record "AC" for profile status in "Initial" and UN (unacceptable) in "Remarks Status" for the product specific item. Record in the Remarks field on the profile screen the reason for the product specific status (include the product(s) when possible). Compliance should then either concur with the initial product specific unacceptable status, or change it to acceptable during their review and entry in "Final." The Remarks field should be used by compliance to explain any reversal in thinking from what the investigator entered.
11. When a profiled firm goes out of business, changes operations, or discontinues production of FDA regulated products, record the appropriate information on the FACTS Maintain Firms screen and remember to remove the profile required flag.
12. Update Operation type from drop down menu.
 - a. For devices: If a firm manufactures sterile products, include the appropriate sterilization profile class or classes along with the profile class (es) of the products manufactured. In the Remarks field, in the section titled Current Profile Status on the profile screen, state whether the sterilization is performed "on-site" or "off-site". For off-site sterilization, (including that performed by a division of the same firm as well as a contract sterilizer), include the name of the sterilizer, city, state/country and FEI (optional) in Remarks.

- b. If a firm is a contract sterilizer only, use the appropriate sterilization profile class code, and from the Operation Type pull down menu, choose “Contract Sterilizer Only.”
 - c. If a firm is a control testing laboratory only, use the CTL profile class code (listed under Devices-irregardless of the type of products) and from the “Operation Type” drop down menu, choose “Control Testing Lab Only.”
 - 1) If a firm is a control-testing laboratory for its’ own products - do not use CTL.
 - 2) If the firm does validation, stability, etc., work for other firms, use the appropriate testing lab profile code, i.e., CTB (Biologics), CTD (Devices) or CTX (Drugs) and, from the “Operation Type” drop down menu, choose “Control Testing Lab Also.”
13. For profiling purposes, the inspection date entered in the “Date” field of Current Profile Status on the profile screen is the last date of the inspection entered in the EI record. The Status Date is the date the inspection information was entered. The Status Date provides another audit trail so, once entered, should not be backdated or changed.
14. The use of “Others” as found on the Profile Status (Final) pull down menu.

Consent Decree

- a. When a firm is operating under a consent decree the Final profile status should be “Others” rather than Acceptable or Unacceptable. The Remarks Status field should reflect the status of the current inspection (Acceptable or Unacceptable) and the Remarks field should provide information on the current inspection, (i.e. if the current inspection is Unacceptable and a warning letter was issued, include that information in the Remarks field) Also state that the firm is operating under consent decree (date). The consent decree information should be carried forward to each new inspection until the consent decree is lifted. When it is lifted, use the Remarks field to record “consent decree lifted” and the date it was lifted.

Application Integrity Policy

- b. When a firm is operating under an Application Integrity Policy (AIP) the final profile status should be “Others” rather than Acceptable or Unacceptable. The Remarks Status field should reflect the current inspection (Acceptable or Unacceptable) and the Remarks field should state that the firm is under AIP on a product by product basis. If feasible list the product(s) under AIP. This should be carried forward to each new inspection under the AIP until it is removed. Use the “Remarks” field to record removal of the AIP and the date of removal.

NOTE: The GMP “Last Final Status” field [top portion of profile screen-Profile Classes] should always be OT for firms under a Consent Decree or Application Integrity Policy. Setting the Profile Status (in Final) to “Others” will accomplish this.

15. There are times when the center has not approved a district’s recommendation for regulatory action but instead has recommended a reinspection. In this case, when a reinspection to support an OAI inspection is required, the profile status for the original inspection should not be finalized. Instead, the compliance officer should enter the Record in Review as “pending” and track the action in the Remarks field. After the reinspection, the investigator must “**uncheck**” the **ProRqd** box on the Maintain Inspection Results screen of the reinspection before entering the information for that reinspection. Unchecking the profile required box avoids FACTS automatically defaulting to the profile screen and the normal requirement of updating that profile. If the reinspection is OAI, the investigator or supervisor should note in the Remarks field on the Maintain Inspections Result screen of the reinspection that the reinspection was “referred to compliance” (with date).

The compliance officer has the responsibility to update the Remarks field in Record in Review and track any corresponding action for the reinspection on the profile screen for the original inspection. When a compliance decision is finally made, compliance should access the original Maintains Profile screen through the original Inspections Results screen and enter the firm’s “Final” profile status, whether it is Unacceptable or Acceptable based on the reinspection. The Record in Review “pending” status can remain open for as long as required and can (and should) be edited repeatedly, until a final decision is made for the original inspection.

16. When to use profile status codes HO (hold) and PN (pending):
- a. PN – Compliance work is being done on the item. Use for all work sent to Compliance. Remarks should be updated to reflect overall status, action, and action status.
 - b. HO – Used for a number of reasons that cause any compliance component to stop work on the item, e.g., awaiting policy decisions, temporary abeyance, etc.

Establishment Profile Criteria**Profile the following device, biologic, human and veterinary drug establishments:**

Manufacturer- Makes a new or a changed product from one or more ingredients.

Remanufacturer - A person who processes, conditions, renovates, repackages, restores, or performs any other act to a finished device that significantly changes the device's performance or safety specifications or intended use.

Reprocessor - A person who performs remanufacturing operations on a single-use device.

Packer/ Repacker - The establishment packs a product or products into different containers without making any changes in the form of the product.

Labeler/ Relabeler - An establishment which affixes the original labeling to a product or changes in any way the labeling on a product without affecting the product or its container.

Contract Sterilizers - Performs sterilization or irradiation of products or components of products regulated by FDA on a contract basis.

Control Testing Laboratories - Performs production quality control work related to products regulated by FDA on a contract basis.

Assemblers of Medical Device Kits - Person or establishment responsible for assembling finished devices into medical device kits.

Tissue Establishments - Only tissue establishments inspected as device firms under the Quality System regulations or regulated as biological products

Specification Developer - A person who initiates or develops specifications for a device that is distributed under the establishment's own name but is manufactured by a second person.

The following establishment and operation types are not profiled.

Blood Banks
Methadone Clinics
Manufacturers of "Research Use Only" Products
Pharmacies and Retail firms
Distributors
Plasmapheresis Centers
Custom Device Manufacturers
Veterinary Medical Device Firms
X-ray Assemblers
Mammography Clinics
Manufacturers of General Purpose Articles (Devices)
Physicians Offices, Hospitals and Clinics
Laser Light Shows/Television and Microwave Oven Manufacturers
Suntanning Establishments
Device Component Manufacturers
Clinical Investigators/Bioresearch Monitoring
Tissue firms inspected under Good Tissue Practices
Any Non-GMP Inspection

For more information contact your District Profile Coordinator, DCIQA (301 827-0390) or the DCIQA web page (<http://web.ora.fda.gov/mpqa>).

Profile Class Codes with Definitions: -**BIOLOGICS**

AEV - ANTITOXINS, ANTIVENINS, ENZYMES, AND VENOMS
 AFP - ANIMAL DERIVED FRACTIONATION PRODUCTS
 ALP - ALLERGENIC PRODUCTS
 BGR - BLOOD GROUPING REAGENTS
 BMI - BIOLOGICAL PRODUCTS NOT OTHERWISE CLASSIFIED (LAL, BLOOD COLLECTION BAGS WITH ANTI-COAGULANT, ETC., WHEN USING THIS PROFILE CLASS NOTE SPECIFIC PRODUCT(S))
 BTP - BIOLOGICAL THERAPEUTIC PRODUCTS
 CBS - COMPUTER BIOLOGICAL SOFTWARE
 CTB - CONTROL TESTING LABORATORY "ALSO" (BIOLOGICS)
 HFP - HUMAN DERIVED FRACTIONATION PRODUCTS
 SMC - SOMATIC CELLULAR PRODUCTS
 TIS - HUMAN TISSUE REGULATED BY FDA
 TOX - TOXOIDS/TOXINS
 TRP - THERAPEUTIC RECOMBINANT PRODUCTS
 VBP - VACCINE BULK PRODUCT
 VFP - VACCINE FINISHED PRODUCT
 VIV - IN VIVO DIAGNOSTICS
 VTK - VIRAL MARKER TEST KIT

DRUGS

ADM - AEROSOL DISPENSED MEDICATION
 CBI - BIOTECHNOLOGY CRUDE DRUGS
 CEX - PLANT/ANIMAL EXTRACTION CRUDE DRUG
 CFN - NON-STERILE BULK BY FERMENTATION CRUDE DRUGS
 CFS - STERILE BULK BY FERMENTATION CRUDE DRUGS
 CHG - CAPSULES, PROMPT RELEASE
 CRU - CRUDE BULK DRUGS (NON-SYNTHESIZED)
 CSG - CAPSULES, SOFT GELATIN
 CSN - NON-STERILE BULK BY CHEMICAL SYNTHESIS
 CSS - STERILE BULK BY CHEMICAL SYNTHESIS
 CTX - CONTROL TESTING LABORATORIES "ALSO" (DRUGS)
 CTR - CAPSULES, MODIFIED RELEASE
 GAS - MEDICAL GAS (INCLUDES LIQUID OXYGEN)
 LIQ - LIQUIDS (INCLUDES SOLUTIONS, SUSPENSIONS, ELIXIRS, TINCTURES, ETC.)
 LVP - LARGE VOLUME PARENTERALS
 NEC - NOT ELSEWHERE CLASSIFIED (WHEN USING THIS CLASS, NOTE THE SPECIFIC PRODUCT(S))
 OIN - OINTMENTS, NON-STERILE (INCLUDES CREAMS, JELLY, PASTE, ETC.)
 POW - POWDERS (INCLUDES ORAL AND TOPICAL)
 SNI - STERILE NON-INJECTABLE
 SUP - SUPPOSITORIES
 SVL - SMALL VOLUME PARENTERALS (LYOPHILIZED)
 SVS - STERILE-FILLED SMALL VOLUME PARENTERAL DRUGS
 SVT - TERMINALLY STERILIZED SMALL VOLUME PARENTERALS
 TCM - TABLETS, PROMPT RELEASE
 TCT - TABLETS, DELAYED RELEASE
 TDP - TRANSDERMAL PATCHES
 TTR - TABLETS, EXTENDED RELEASE

NOTE: CCS and SVP are no longer used.

DEVICES

BBP - BLOOD AND BLOOD PRODUCTS FOR FURTHER MANUFACTURING (reinstated 1/01)
 CCR - CLINICAL CHEMISTRY REAGENTS (INCLUDES DIAGNOSTIC TAPES, STICKS, ETC.)
 COH - COMPUTER HARDWARE
 COS - COMPUTER SOFTWARE (OTHER THAN BIOLOGICS)
 CSP - CHEMICAL STERILIZATION
 CTD - CONTROL TESTING LABORATORIES "ALSO" (DEVICE)
 CTL - CONTROL TESTING LABORATORIES "ONLY" (NO MANUFACTURING DONE ON SITE)
 DKA - DEVICE KIT ASSEMBLER

ELE - ELECTRICAL ASSEMBLY
FSP - FILTRATION STERILIZATION
GLA - GLASS OR CERAMIC FABRICATION AND ASSEMBLY
GSP - GAS STERILIZATION (ETO, PROPYLENE OXIDE)
HCP - HEMATOLOGY AND COAGULATION PRODUCTS (reinstated 1/01)
HSP - DRY HEAT STERILIZATION
MED - MEDIA (INCLUDES MICROBIOLOGICAL AND TISSUE CULTURE, GROWTH MEDIA AND ACCESSORIES, INCLUDING INGREDIENTS)
MIS - NOT ELSEWHERE CLASSIFIED (NOTE SPECIFIC PRODUCT(S) IN REMARKS)
MTL - METAL FABRICATION AND ASSEMBLY
OPT - OPTIC FABRICATION AND ASSEMBLY (CONTACT AND OTHER LENSES, EYEGLASS, ETC.)
PBM - PROCESSED BIOLOGIC MATERIAL (reinstated 1/01)
PRF - PLASTIC OR RUBBER FABRICATION AND ASSEMBLY
RIP - RADIOIMMUNOASSAY PRODUCTS
RSP - RADIATION STERILIZATION
SIP - SEROLOGICAL AND IMMUNOLOGICAL PRODUCTS (INCLUDES BACTERIAL TYPING, RHEUMATOID FACTORS, PREGNANCY KITS, IVD other than VIRAL MARKER TEST KITS, ETC.)
SOL - DEVICE SOLUTIONS AND GELS (INCLUDES CONTACT GELS, DIALYSIS SOLUTIONS, DENTAL PASTES, ADHESIVES, ETC.)
SSP - STEAM STERILIZATION
SPD - SPECIFICATION DEVELOPERS
TSP - FRACTIONAL TYNDALLIZATION STERILIZATION
TXT - TEXTILE FABRICATION AND ASSEMBLY
WOD - WOOD FABRICATION AND ASSEMBLY
WSP - WATER STERILIZATION

FACTSTRN - Citrix ICA Client

FACTS V.1 - [Create Assignment]

Action Edit Options Related Info Reports Navigate Tracing Pilot Help Window Help

Assignment

Requesting Organization: MIN-IB-SPV Requester Completion Date: 10/02/1999 Priority: High Compliance Number: 145 0

Subject: Pharma-Mix Digitalis

Remarks: Request for samples as follow-up to violative EI.

Background Information: Firm's manufacturing practices may lead to low potency.

ORA Req: N/A ORA Cnctc Hurr: []

Reporting Method: Notify SI DoMore by phone when accomp.

POC Name: James W. DoMore

Operations

Op Code: 31 Sample Collection Rqstr Prty: High

Subject: Pharma-Mix Digitalis

Requester Remarks: collect 12/100 Bottles of lot DC-01224 as followup to violati

Estmtd Hours: 4 Estmtd Smpl Cost: \$150.00 Reimbursable: []

Organizations

Accomp Org	Num Of Ops	Perf Org (Adhoc Work)
NWK-DO	1	

Buttons: Add, Delete, Prev Op, Next Op, Delete

PACS & Products

PAC	Description
56002	DRUG PROCESS INSPEK

Buttons: Add, Delete

Product Code	Description
63 F C E 04	Digitalis (Cardiotonic), Single Ingra

Buttons: Add, Delete

Firms & Cross References

FEI B	Name
3000900992	Drug Distributors, Inc.

Buttons: Add, Delete

Code	Value

Buttons: Add, Delete

Lab References

Sample Number: []

PAF: []

Buttons: Delete

Count: 0 <List>

Requester Completion Date: 10/02/1999 Priority: High Compliance Number: []

FACTS Editor

collect 12/100 Bottles of lot DC-01224 as followup to violative EI of Pharma-Mix, Minneapolis, MN (FEI 3000901012), conducted on 9/12-20/99. 30 cases were shipped to Drug Distributors, Inc., 3910 River St., Newark, NJ on 9/18/99 via Cross Country Express, Kansas City, MO. Invoice # 8320 9/26/99, B/L # A-3026, 9/18/99.]

Buttons: Search, OK, Cancel