

**MILK SAMPLE COLLECTOR EVALUATION REPORT
DAIRY PLANT SAMPLING – RAW AND PASTEURIZED MILK**

EVALUATION BY _____

AGENCY _____

SAMPLE COLLECTOR AND TITLE _____

LOCATION _____

DATE _____

X = DEVIATION
N/A = NOT APPLICABLE

EQUIPMENT

- 1. Thermometer – Approved Type** _____
 - a. Accuracy checked against reference thermometer every 6 months (±1°C (2°F)); adjustment made; correction factor recorded _____
 - b. Date checked and checker’s initials attached to case _____
- 2. Agitation**
 - a. Use odor-free, pressurized filtered air or electrically driven stirring or recirculatory equipment as required; all equipment sanitized before use in each successive tank (where applicable) _____
- 3. Sample Transfer Instrument**
 - a. Clean, sanitized, or sterilized _____
 - b. Seamless metal tube _____
 - c. Or metal dipper with long handle; capacity at least 100 ml (4 oz.) _____
 - d. Or single-service paper or plastic sampling tube _____
 - e. Or sanitized sampling cock _____
 - f. Or other means for removing sample aseptically _____
- 4. Sampling Instrument Case**
 - a. Proper design, construction and repair _____
- 5. Sample Containers**
 - a. Clean, properly sanitized, or sterilized _____
 - b. Adequate supply, properly stored and handled _____
- 6. Sample Storage Case**
 - a. Rigid construction, suitable design to maintain samples at 0°C - 4.4°C (32°F - 40° F); protected from contamination; racks provided _____
- 7. Cleaning and Sanitizing of Equipment**
 - a. Sampling instruments, clean and dry _____
 - b. For sanitizing stirrer, sampling tube, or dipper between samples:
 1. Rinse first in one container of clean cold water connected with a continuous flowing source _____
 2. Then submerge in water maintained at 82°C (180° F) for at least 1 min. _____
 3. Or submerge in a hypochlorite solution at 200 ppm for at least 1 min. (or other bactericidally equivalent solution) _____
 4. Strength of sanitizing solution determined with applicable test kit _____

SAMPLING PROCEDURES

- 8. General Sampling Procedures – Plants, Raw and Pasteurized Sampling**
 - a. Hands washed, clean, and dry during sampling _____
 - b. Milk temperature determined and recorded at all sampling locations _____
 - c. Temperature control sample provided at first sampling location and labeled with time, date, temperature, and collector identification _____
 - d. Sample containers legibly identified at collection point _____
 - e. Sample containers and closures handled aseptically _____
 - f. Sample container not held over milk when transferring sample into container _____
 - g. Sampling instrument protected from contamination before and during sampling _____

- h. Fill sample container not more than ¾ full _____
- i. Immediately place samples into sample case containing ice _____
- 9. Raw Milk for Pasteurization – Milk Tank Trucks and Plant Storage Tanks (See Item 8 for applicable procedures)**
 - a. Agitation time determined as required _____
 - b. Collect sample aseptically from tank opening (manhole) _____
 - c. Or from pipeline _____
 - d. Or from balance tank prior to pasteurization _____
 - e. Or from sanitized sampling cock _____
 - f. Manual hand-disc agitator not used to mix milk in large storage tanks or trucks _____
 - g. Sample dipper, when used, rinsed at least two times before transferring sample _____
 - h. Dipper should extend 6 to 8 inches into milk to obtain a representative sample _____
 - i. Sample dipper rinsed in tap water after each use and replaced in sanitizing solution _____
- 10. Pasteurized Milk and Milk Product Samples (See Item 8 for applicable procedures)**
 - a. Samples collected while product still in possession of processor _____
 - b. Representative samples, randomly selected _____
 - c. After thoroughly mixing product, aseptically transfer representative portion to sterile sample container _____
 - d. Collect sample directly from milk dispenser spigot without sanitizing or flushing _____
- 11. Pasteurized Milk and Milk Product Containers and Closures (See Item 8 for applicable procedures)**
 - a. In the case of single-service containers and/or closures used for packaging milk and milk products, collect a randomly selected sample set from each manufacturing line (process) _____

–OR–

In the case of multi-use containers used for packaging milk and milk products, collect at least four randomly selected containers _____

Regarding both of the above cases:

 1. Lip or interior of bottles or containers not contaminated _____
 2. Milk or water prevented from dripping into empty milk containers: filler valves by-passed _____
 3. Containers sealed or capped with line equipment _____
 4. Laboratory sterilized caps, when used, aseptically applied to containers _____
 5. Containers delivered to laboratory without rinse solution, properly protected from crushing or damage _____
 6. Single-service containers not stored or shipped in refrigerated cases _____
- 12. Sample Storage and Transportation**
 - a. Ice or other refrigerant maintained slightly above milk level in sample container; sample not frozen _____
 - b. Sample protected against contamination; ice water no higher than milk level in sample containers; do not bury tops of containers in ice _____
 - c. Samples and sample data promptly submitted to laboratory _____
 - d. Use tamper proof shipping case with top labeled “This Side Up” (when using common carrier shipping) _____

REMARKS _____