

NAV06 – Material Control

NOTE - ALL QUESTIONS ARE PRIORITY “A”

1.	Is traceability maintained from the material to the material certification test report and other required Objective Quality Evidence (OQE)?	___ Yes ___ No ___ N/A
2.	Does the contractor have written procedures that implement material control requirements?	___ Yes ___ No
3.	Are material traceability codes permanently applied to the material and annotated on test reports?	___ Yes ___ No ___ N/A
4.	When heat traceability is not possible due to manufacturing processes (e.g. continuous pour operations), is lot traceability provided as defined in the applicable material specification and when applicable, as further defined in the contract/purchase order?	___ Yes ___ No ___ N/A
5.	Brazing and welding filler materials are not permanently marked. Are filler materials controlled up to the point of consumption?	___ Yes ___ No ___ N/A
6.	Is traceability maintained through all process operations, including any subcontracted operations, to the finished components?	___ Yes ___ No ___ N/A
<u>PROCUREMENT/RECEIPT INSPECTION:</u>		
7.	Do purchase orders for raw material specify that the material be traceable to material certification test reports?	___ Yes ___ No ___ N/A

NAV06 – Material Control

8.	Are certification data requirements invoked by the prime contractor also invoked on all subcontractors supplying Level 1 material?	___ Yes ___ No ___ N/A
Does the contractor's receipt inspection include, as a minimum, the following:		
9.	Verification of traceability markings?	___ Yes ___ No ___ N/A
10.	Does the supplier perform any identity testing?	___ Yes ___ No ___ N/A
11.	Verification that certification test reports are legible and complete?	___ Yes ___ No ___ N/A
12.	Verification of the contents of certification test reports?	___ Yes ___ No ___ N/A
MATERIAL HANDLING:		
13.	Are all the raw materials, designated for either Level 1 or SubSafe items, marked with a unique traceability number?	___ Yes ___ No ___ N/A
14	a. Are the stored raw materials requiring traceability segregated to preclude intermingling with materials not requiring traceability?	___ Yes ___ No ___ N/A
	b. Does the supplier segregate raw materials of different alloys and material conditions to prevent commingling?	___ Yes ___ No ___ N/A

NAV06 – Material Control

15.	Are traceability markings properly maintained when they need to be removed by a manufacturing or fabrication process?	___ Yes ___ No ___ N/A
16.	Does the contractor's material control process include requirements for traceability of subcontracted operations?	___ Yes ___ No ___ N/A
17.	If such operations would remove traceability markings, does the contractor's purchase or work orders specify a method and marking location for remarking?	___ Yes ___ No ___ N/A
18.	Is the inspection status of all material in process readily determinable at all times during storage and processing?	___ Yes ___ No
19.	Does the supplier's material control system account for the number of pieces manufactured, tested, scrapped and rejected?	___ Yes ___ No
20.	Are work instructions for material handling and storage available and in use to assure adequate protection of the product to prevent loss, damage, deterioration, degradation and substitution?	___ Yes ___ No
21.	Are periodic inspections performed to assure compliance to work instructions for handling and storage?	___ Yes ___ No
22.	Are shelf life, age sensitive and/or environmentally sensitive materials identified and controlled?	___ Yes ___ No ___ N/A

NAV06 – Material Control

23.	a. Is material inspected in accordance with a specified sampling plan(s)?	___ Yes ___ No
	b. Does the manufacturer elect to use Statistical Process Control (SPC) to assure product quality in lieu of the above attribute-sampling plan?	___ Yes ___ No ___ N/A
24.	Does all data concerning material verification (chemical and mechanical properties), traceability (material certifications to material marking) and Non-Destructive Test (NDT) certification meet requirements for material inspected 100%?	___ Yes ___ No ___ N/A
25.	a. Are the certification test reports and copies of the test reports 100% inspected for completeness and legibility?	___ Yes ___ No ___ N/A
	b. Does the supplier's procedure require an original mill testing lab certifications?	___ Yes ___ No ___ N/A
26.	a. Are all metallic materials 100% inspected for traceability markings and that the markings are legible?	___ Yes ___ No ___ N/A
	b. Are both the quantitative chemical and mechanical analysis of material traceable to its heat identification?	___ Yes ___ No ___ N/A
27.	Does the contractor properly reidentify and recertify material when the material is subjected to a process that alters its properties?	___ Yes ___ No

NAV06 – Material Control

28.	Does the material certification data forwarded by the manufacturer contain a signed certification from an authorized representative?	___ Yes ___ No
<p><u>MATERIAL MARKING FOR TRACEABILITY & IDENTIFICATION</u> In addition to the marking requirements on applicable drawings and/or specifications, marking with traceability code or heat number is required and is to be verified.</p>		
29.	Does the contractor have a procedure for maintaining traceability markings for items that are too small to be permanently marked?	___ Yes ___ No ___ N/A
30.	Traceability markings shall be maintained through assembly and whenever possible, shall be visible after assembly. For items where the marking is not visible after assembly, does the contractor have a procedure (such as securing a permanent and/or durable tag to the item or use of an assembly record) to the item identifying the part number, piece number, traceability number and the location of the permanent mark?	___ Yes ___ No ___ N/A
31.	Does the contractor's material identification system require items to be deemed nonconforming when traceability markings are lost?	___ Yes ___ No ___ N/A
32.	When traceability markings are lost, is a procedure in place to re-establish material control, including obtaining a waiver from the procuring activity or its technical engineering agent?	___ Yes ___ No ___ N/A

Additional Comments/Concerns: