**NAV 06 – MATERIAL CONTROL**

|  |  |
| --- | --- |
| 1. Is traceability maintained from the material to the material certification test report and other required Objective Quality Evidence (OQE)? | Yes No N/A |
| 1. Does the contractor have written procedures that implement material control requirements? | Yes No |
| 1. Are material traceability codes permanently applied to the material and annotated on test reports? | Yes No N/A |
| 1. 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 |
| 1. Brazing and welding filler materials are not permanently marked. Are filler materials controlled up to the point of consumption? | Yes No N/A |
| 1. Is traceability maintained through all process operations, including any subcontracted operations, to the finished components? | Yes No N/A |
| PROCUREMENT/RECEIPT INSPECTION: |  |
| 1. Do purchase orders for raw material specify that the material be traceable to material certification test reports? | Yes No N/A |
| 1. Do purchase orders require original mill testing lab certifications to be submitted with material? | Yes No N/A |
| 1. Are certification data requirements, invoked by the prime contractor, also invoked on all subcontractors supplying Level 1 material? | Yes No N/A |
| 1. Does the contractor perform receipt inspection on vendor supplied materials? | Yes No N/A |
| * 1. Are all metallic materials 100% inspected for traceability markings and that the markings are legible? | Yes No N/A |
| * 1. Does the supplier perform any alloy identity testing or more sophisticated testing such as semi-quantitative analysis? | Yes No N/A |
| * 1. Does the supplier review certification test reports to ensure they are legible and complete? | Yes No N/A |
| * 1. Does the supplier verify the contents of certification test reports against the appropriate specification requirements? | Yes No N/A |
| * 1. Is material inspected in accordance with a specified sampling plan(s)? | Yes No |
| * 1. 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 |
| * 1. Does the contractor review material certifications to verify DFARs Specialty Metals clause compliance per the purchase order? | Yes No N/A |
| * 1. 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 |
| * 1. Does the material certification data forwarded by the manufacturer contain a signed certification from an authorized representative? | Yes No |
| MATERIAL HANDLING: |  |
| 1. Are all the raw materials, designated Level 1 or requiring certification, marked with a unique traceability number? | Yes No N/A |
| * 1. Are the stored raw materials requiring traceability segregated to preclude intermingling with materials not requiring traceability? | Yes No N/A |
| * 1. Does the supplier segregate raw materials of different alloys and material conditions to prevent commingling? | Yes No N/A |
| * 1. Are traceability markings properly maintained when they need to be removed by a manufacturing or fabrication process? | Yes No N/A |
| * 1. Does the contractor’s material control process include requirements for traceability of subcontracted operations? | Yes No N/A |
| * 1. 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 |
| 1. Is the inspection status of all material in process readily determinable at all times during storage and processing? | Yes No |
| 1. Does the supplier’s material control system account for the number of pieces manufactured, tested, scrapped and rejected? | Yes No |
| 1. 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 |
| 1. Are periodic inspections performed to assure compliance to work instructions for handling and storage? | Yes No |
| 1. Are shelf life, age sensitive and/or environmentally sensitive materials identified and controlled? | Yes No N/A |
| 1. Does the contractor properly re-identify and re-certify material when the material is subjected to a process which alters its properties? | Yes No N/A |
| MATERIAL MARKING FOR TRACEABILITY & IDENTIFICATION |  |
| 1. Where contract marking and traceability requirements are more stringent (e.g.  Level I) than applicable drawings and/or specifications, are these requirements satisfied? | Yes No N/A |
| 1. Does the contractor have a procedure for maintaining traceability markings for items that are too small to be permanently marked? | Yes No N/A |
| * 1. Is the process for marking small items being followed? | Yes No N/A |
| 1. 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 identifying the part number, piece number, traceability number and the location of the permanent mark? | Yes No N/A |
| 1. Does the contractor’s material identification system require items to be deemed nonconforming when traceability markings are lost? | Yes No N/A |
| 1. 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: