

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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
2. Does the contractor have written procedures that implement material control requirements?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
3. Are material traceability codes permanently applied to the material and annotated on test reports?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
5. Brazing and welding filler materials are not permanently marked. Are filler materials controlled up to the point of consumption?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
6. Is traceability maintained through all process operations, including any subcontracted operations, to the finished components?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
PROCUREMENT/RECEIPT INSPECTION:			
7. Do purchase orders for raw material specify that the material be traceable to material certification test reports?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

<p>8. Do purchase orders require original mill testing lab certifications to be submitted with material?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>9. Are certification data requirements, invoked by the prime contractor, also invoked on all subcontractors supplying Level 1 material?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>10. Does the contractor perform receipt inspection on vendor supplied materials?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>a. Are all metallic materials 100% inspected for traceability markings and that the markings are legible?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>b. Does the supplier perform any alloy identity testing or more sophisticated testing such as semi-quantitative analysis?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>c. Does the supplier review certification test reports to ensure they are legible and complete?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>d. Does the supplier verify the contents of certification test reports against the appropriate specification requirements?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>e. Is material inspected in accordance with a specified sampling plan(s)?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	

<p>f. Does the manufacturer elect to use Statistical Process Control (SPC) to assure product quality in lieu of the above attribute sampling plan?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>g. Does the contractor review material certifications to verify DFARs Specialty Metals clause compliance per the purchase order?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>h. 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%?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>i. Does the material certification data forwarded by the manufacturer contain a signed certification from an authorized representative?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	
<p>MATERIAL HANDLING: 1.</p>			
<p>11. Are all the raw materials, designated Level 1 or requiring certification, marked with a unique traceability number?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>a. Are the stored raw materials requiring traceability segregated to preclude intermingling with materials not requiring traceability?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>b. Does the supplier segregate raw materials of different alloys and material conditions to prevent commingling?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>

<p>c. Are traceability markings properly maintained when they need to be removed by a manufacturing or fabrication process?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>d. Does the contractor's material control process include requirements for traceability of subcontracted operations?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>e. If such operations would remove traceability markings, does the contractor's purchase or work orders specify a method and marking location for remarking?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>12. Is the inspection status of all material in process readily determinable at all times during storage and processing?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	
<p>13. Does the supplier's material control system account for the number of pieces manufactured, tested, scrapped and rejected?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	
<p>14. 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?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	
<p>15. Are periodic inspections performed to assure compliance to work instructions for handling and storage?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	
<p>16. Are shelf life, age sensitive and/or environmentally sensitive materials identified and controlled?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>

<p>17. Does the contractor properly re-identify and re-certify material when the material is subjected to a process which alters its properties?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>MATERIAL MARKING FOR TRACEABILITY & IDENTIFICATION</p>			
<p>18. Where contract marking and traceability requirements are more stringent (e.g. Level I) than applicable drawings and/or specifications, are these requirements satisfied?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>19. Does the contractor have a procedure for maintaining traceability markings for items that are too small to be permanently marked?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>a. Is the process for marking small items being followed?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>20. 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?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>21. Does the contractor's material identification system require items to be deemed nonconforming when traceability markings are lost?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>
<p>22. 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?</p>	<p>Yes <input type="checkbox"/></p>	<p>No <input type="checkbox"/></p>	<p>N/A <input type="checkbox"/></p>

Additional Comments/Concerns: