

Coded Note Number: **M4130**  
Revision Level: **C001**  
Date: **October 21, 2014**  
Title: **METALLIC RAW MATERIAL MARKING**

**This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.**

**Change from Revision B.**

**Bolded font indicates changed/added content.**

**[Text deleted] inserted in the document indicates the removal of content.**

In addition to the Mill marking required by the applicable material specification, metallic raw materials with "STD" in the material **[Text deleted] control level identified** in the part description **[Text deleted]** of the purchase order shall have each heat bundled separately, with each bundle **[Text deleted]** tagged or permanently marked on both ends as follows:

1. Purchase Order and Item Numbers
2. Newport News Part Number (if provided on Purchase Order)
3. Heat, **Lot**, or Analysis number **[Text deleted]**

In addition to the Mill marking required by the applicable material specification, metallic raw materials with "MC-I" or "Q-1" in the material **[Text deleted] control level identified** in the part description **[Text deleted]** of the purchase order shall be individually and permanently marked on both ends as follows:

1. Purchase order and Item Numbers
2. Newport News Part Number (if provided on Purchase Order)
3. Heat, **Lot**, or Analysis number **[Text deleted]**
4. Manufacturer's trademark

Marking **[Text deleted]** shall be accomplished by the following methods **provided that it does not violate Appendix P for MC-I control level materials:**

1. **[Text deleted]** Aluminum or copper **that is identified with "STD" in the material control level in the part description [Text deleted] shall be [Text deleted] tagged, or stamped with ink or paints.**
2. **[Text deleted]** Carbon steel plate ordered to weight 7.35 lb. and heavier or

thickness 0.180” and thicker with a width of 48.000” and wider shall be marked by **[Text deleted]**:

- Die stamping - supplier heat and serial numbers shall be low impact (round bottom) die stamped within a 12.000” square of the lower right corner in the longitudinal direction regardless of thickness. If the supplier utilizes an automatic dot matrix die stamping machine, the die stamping **[Text deleted]** shall be within a 36.000” square of that corner. **[Text deleted]** The stampings shall **[Text deleted]** be circled with paint stick to identify location.
- Paint stick - **[Text deleted]** marked with paint stick legibly in a least 4.000” high letters **[Text deleted]** along either edge of the plate next to the die stamping or dot matrix **[Text deleted]** with:
  - (1) NNS Purchase Order and Item Number (e.g. **[Text deleted]** **4300237351#5**)
  - (2) Newport News Part Number (NNPN)
  - (3) Material Code designator (e.g. "MV", **[Text deleted]** provided by NNS **in the Item information on the Purchase Order**). In the event that the Material Code designator is not **provided [Text deleted]**, the supplier shall contact NNS for clarification.

3. **[Text deleted]** Stainless steel plates and all other material shall be marked as follows:

- **Material identified with “STD” in the material control level shall be die stamped, vibra-tool marked, or tagged.**
- **Material identified with “MC-I” or “Q-1” in the material control level shall be die stamped, or vibra-tool marked.**

**Note:** **[Text deleted]** Impact die stamp with low-stress round bottom dies (not to be used in high-stress areas), or **mark with** air or electric powered vibra-tool.

- **In addition, for sheet and plate, the supplier shall mark legibly in at least 4.000” high letters with paint stick as follows:**
  - (1) **NNS Purchase order and Item Numbers**
  - (2) **Newport News Part Number (NNPN)**
  - (3) **Heat, Lot, or analysis number**

[Text deleted]

3. [Text deleted] **Markings must be legible, for bar too small to mark (i. e. less than 0.375" nominal size) marking shall be applied to a durable tag, and the tag shall be securely affixed to the material.**
4. The use of yellow wrapping material is strictly prohibited. Failure to comply with the requirements of this paragraph shall be cause for rejection.