

NAVSEA  
STANDARD ITEM

FY-16

ITEM NO: 009-27  
DATE: 18 JUL 2014  
CATEGORY: II

1. SCOPE:

1.1 Title: Material Identification and Control (MIC) for Level I Systems;  
accomplish

2. REFERENCES:

**2.1 Standard Items**

2.2 0948-LP-045-7010, Material Control Standard

2.3 S9086-GY-STM-010/CH-221, Boilers

3. REQUIREMENTS:

3.1 Provide and maintain a Material Identification and Control (MIC) System in accordance with 2.2 for both Government furnished and contractor furnished materials utilized in the installation, alteration, and repair of systems or portions of systems designated as MIC LEVEL I by Work Items in the Job Order. The system shall be described in a written procedure and shall be available for review and acceptance by the SUPERVISOR prior to the initiation of productive work. It shall specifically address, as a minimum, the following:

3.1.1 Assignments of responsibility for identification and control of LEVEL I material including working level instructions for:

3.1.1.1 Procurement of **pre-certified** LEVEL I material **from an authorized LEVEL I certifying activity or National Stock System.**

3.1.1.2 **Inspection of pre-certified LEVEL I material in accordance with Section 3.4 of 2.2.**

3.1.1.3 Storage of LEVEL I material including segregation from non-LEVEL I materials.

3.1.1.4 **Issue of LEVEL I material including transfer of marking for raw materials (e.g., bar, pipe, tube and threaded rod).**

3.1.1.5 Identification and control of LEVEL I material during all phases of work (e.g., material movement, manufacturing, repair, ripout, installation).

3.1.1.6 Local manufacturing and testing of LEVEL I components manufactured from certified raw materials.

3.1.1.7 Visually verifying at the time of or subsequent to installation into a system subassembly or aboard ship that the permanent material designator markings, material type for fasteners or grade/type for consumable materials are correct in accordance with the generic material requirements of applicable drawing and/or NAVSEA-approved nonconformances and Engineering Changes.

3.1.1.8 Documentation of installation of LEVEL I material in accordance with Section 3.10.3 of 2.2.

3.2 Accomplish the requirements of 009-09 of 2.1 for all work within the LEVEL I boundary including manufacture, installation and repair of LEVEL I systems, components and material except for the following actions:

3.2.1 Software replacement (e.g., O-rings, packing glands, body-to-bonnet gaskets, silver seal replacements).

3.2.2 Inspection to support routine maintenance programs or troubleshooting.

3.2.3 Replacement of any non-pressure boundary parts which are not LEVEL I parts.

3.3 Submit one legible copy, in approved transferrable media, of the **completed LEVEL I work item including the required** installation records to the SUPERVISOR at the completion of work and/or a minimum of **one day** prior to system testing/operation.

4. NOTES:

4.1 LEVEL I designation applies only to materials specified in 2.2 and Figure 221-2-12 of 2.3.