

NAVSEA
STANDARD ITEM

FY-25

ITEM NO: 009-27
DATE: 01 OCT 2023
CATEGORY: II

1. SCOPE:

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

2. REFERENCES:

2.1 0948-LP-045-7010, Material Control Standard

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

3. REQUIREMENTS:

3.1 Provide and maintain a Material Identification and Control (MIC) System in accordance with 2.1 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 must be described in a written procedure that must be submitted to the SUPERVISOR for review and approval prior to implementation. The procedure requires a one-time submittal/approval unless the Standard Items change and/or references change or are updated. The Material Identification and Control program for Level I Materials must be subject to periodic conformity audits by the SUPREVISOR throughout the contract period. This procedure must 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 2.1.

3.2 Process Control Procedures (PCP) for all work within the LEVEL I boundary including manufacture, installation and repair of LEVEL I systems, components and material must be in accordance with NAVSEA Standard Items (See Note 4.2) 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.

3.3.1 For those work items that require a PCP per 3.2, in lieu of the report required in 3.3, submit one legible copy, in approved transferrable media, of the completed PCP documentation required by 009-09 of *NAVSEA Standard Items* 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 2.1 and Section 221-2.17 of 2.2.

4.2 If a Process Control Procedure (PCP) for all work within the LEVEL I boundary including manufacture, installation and repair of LEVEL I systems, components and material in 3.2 is required; the use of a Category II Standard Item 009-09 "Process Control Procedure (PCP); provide and accomplish" of *NAVSEA Standard Items* will be specified in the Work Item.