

NAVSEA STANDARD ITEMS

FY-19 CH-1 (06 MAR 2018)

CAT II NAVSEA Standard Items 009-51 and 009-68 were cancelled; requirements are in CAT II NAVSEA Standard Items 009-53 and 00954.

CAT II NAVSEA Standard Items 009-41 and 009-42 were cancelled ; requirements are in CAT I NAVSEA Standard Item 009-39.

NAVSEA Standard Item 009-89 changed from a CAT I to a CAT II.

When estimating, CAT I NSI 009-120 now contains 20 mandays and 500 dollars of material.

The Following is a SUMMARY of the Changes:

009-06 Maintaining Protection and Cleanliness from Non-Radioactive Operations; accomplish

--**Deleted** 3.5, 3.5.1 (cleanliness inspection); **Renumbered** 3.6 -3.8 to 3.5-3.8.

009-25 Structural Boundary Test; accomplish

--**Changed** (I) (G) "CHALK TEST" by adding (**SEE 4.2**); **Renumbered** 3.7.2-3.7.4 to 3.7.1-3.7.3; **added 4.2 When a chalk test is required it shall be accomplished prior to other structural boundary test on watertight doors , hatches, and scuttles.**

009-29 Asbestos-Free Pipe Hanger Liner Material; install **(CANCELLED)**

009-38 Boiler, Catapult Accumulator, and Reboiler Dry Lay-up; accomplish

--**Changed** 3.1.2 Inject 10 pounds of sodium nitrite for each 1,000 gallons of boiler water in a slurry solution to the water in the boiler **using table 221-2-1 of 2.1 for guidance.**

--**Added new 3.1.4 Empty boiler of water and chemicals by pumping at the hose connection in the bottom blow line. The bottom blow, superheater drain, drum vent, and economizer drain valves shall be open during pumping.** **Renumbered** 3.1.4 to 3.1.4.1.

009-39 Technical Manual Contract Requirement (TMCR) for a New

Technical Manual for Commercial Equipment/Component; accomplish

To summarize, 009-41 and 42, both CAT II NSIs, were cancelled, and their requirements were incorporated into 009-39, which is a CAT I NSI.

009-41 Technical Manual Contract Requirement (TMCR) for a Topically Structured Technical Manual; accomplish **(CANCELLED)**

009-42 Technical Manual Contract Requirement (TMCr) for Updating
Technical Manual; accomplish **(CANCELLED)**

009-45 Tapered Plug Valve; repair

--**Changed** 3.4 Assemble each valve installing new **each** packing, each gasket and each fastener **for those removed in 3.2** in accordance with manufacturer's specification or instruction.

009-46 Butterfly Valve, Synthetic and Metal Seated; repair

--**Changed** 3.4 Assemble valve installing new each bushing, each O-Ring, each V-Ring, each valve liner, each seat assembly, each washer, each pin, and each fastener **for those removed in 3.2** in accordance with manufacturer's specifications or instructions.

009-47 Gate Valve; repair

--**Changed** 3.4 Assemble each valve installing new **each** packing, each gasket and each fastener **for those removed in 3.2** in accordance with the manufacturer's specifications.

009-50 Horizontal Swing Check Valve; repair

--**Changed** 3.4 Assemble each valve installing new each gasket, each bushing, each disc retaining nut, each hinge pin, and each plug **for those removed in 3.2** in accordance with manufacturer's specifications or instruction.

009-51 Globe, Globe Angle, and Globe Stop Check Valve; repair
(CANCELLED)

009-52 Relief Valve; repair

--**Changed** 3.4 Assemble valve installing new **each** packing, each soft seat, each gasket, and each fastener **for those removed in 3.2** in accordance with manufacturer's specifications or instruction.

009-53 Bolted Bonnet, **Globe, Globe Angle, and Globe Stop Check Valve**
Shop Repair; accomplish

To summarize, 009-51 was cancelled, and it's requirements were incorporated into 009-53/54.

--**Added** 3.3.3 **Clean and spot-in each bonnet to each body gasket mating surface.**

--**Changed** 3.3.4.1 Inspect contact using blueing method **(soft seated valves excluded).**

--**Changed** 3.4.1 **Pack each feedwater, condensate and steam valve with each valve stem packing conforming to MIL-P-24503/24583 combination in accordance with Chapter 6 of 2.4.**

--**Added** 3.4.2 **Pack each valve for systems other than feedwater, condensate, and steam with each valve stem packing conforming to MIL-P24396, type B.**

- Added 3.5.2.3 For each hard seated valve, maximum allowable leakage: 10 cubic centimeters (cc) per hour, per inch of nominal pipe size; 10cc maximum per hour for each valve size less than 1-1/2 inches.
- Added 3.5.2.4 For each soft seated valve the maximum allowable leakage rate is none.
- Changed 3.5.3.2 Test shall be continued for a minimum of 3 minutes if there is no evidence of leakage, or in the event of visible leakage, until accurate determination of leakage can be made.
- Added 3.5.3.3 For each hard seated valve, maximum allowable leakage: 10 cubic centimeters (cc) per hour, per inch of nominal pipe size; 10 cc maximum per hour for valves sizes less than 1-1/2 inches.

009-54 Bolted Bonnet, Globe, Globe Angle, and Globe Stop Check Valve
In-line Repair; accomplish

To summarize, 009-51 was cancelled, and it's requirements were incorporated into 009-53/54.

- Added new 2.1 S9068-CJ-STM-010/CH-75 Fasteners; renumbered 2.1-2.3.
- Added new 3.2.1 The removal of body bound studs only to determine the condition of threads is not required.
- Added new (I) or (V) "TORQUE TEST"
- Added new 3.2.2 Torque test each body-bound stud in accordance with sections 075-8.6.3.2(d) of 2.1.
- Renumbered 3.2.1 and 3.2.1.1 to 3.2.3 and 3.2.3.1; 3.2.3 changed 2.1 to 2.2; 3.2.3.1 changed 2.2 to 2.3.
- Changed 3.4 Assemble valve installing new **each** packing, each gasket, and each fastener **for those removed 3.2** in accordance with the manufacturer's specification or instruction.
- Changed 3.4.1 Pack each feedwater, each condensate, and each steam valve with, valve stem packing conforming to MIL-P-24503/24583 combination in accordance with Chapter 6 of 2.4.
- Added 3.4.2 Pack each valve of each system other than feedwater, condensate, and steam with valve stem packing conforming to MIL-P-24392, type B.

009-55 Regulating/Reducing Valve; repair

- Changed 3.4 Assemble valve installing new **each** packing, each gasket, each diaphragm, each spring, and each soft seat and each fastener **for those removed in 3.2** in accordance with manufacturer's specification or instruction.

009-68 Bolted Bonnet Valve; repair (CANCELLED) Covered in 009-53/54.

009-71 Piping System; test

- Changed 3.1.5 Accomplish a shop hydrostatic test of replacement piping, fittings, and components **that can be tested in the shop or cannot be tested and inspected IAW paragraph 3.1.6 after**

installing in to the ship's system for evidence of external leakage and/or deformation. Allowable external leakage and/or deformation: None.

- Changed 3.1.6.1 Each joint requiring inspection shall remain uninsulated and unpainted until completion of successful inspection. ***Each joint tested and inspected under 3.1.5 would not require re-inspection unless the joint was disturbed during installation. These joints can be insulated and painted.***
- Changed 3.1.6.2 Provide a sketch of that portion of the system to be tested, showing the location of blanks, isolation valves, test connection, ***joints previously tested/inspected under 3.1.5*** and the location of air vents to vent air. Sketch shall be on the test site during the accomplishment of the test.

009-75 Circuit Breaker; repair

- Changed 3.1.1 Matchmark, ***identify*** and retain mounting hardware and fasteners.
- Changed 3.1.2 Protect exposed terminal connections and internal switchboard parts from ***foreign material including dirt and debris, and from*** damage.
- Added 3.2.3 ***Shop test and inspect each motor operator and motor in accordance with 2.1.***
- Renumber, 3.3.10 to 3.2.4, 3.3.10.1 to 3.2.4.1, 3.3.10.2 to 3.2.4.2, 3.3.10.3 to 3.2.4.3, 3.3.10.4 to 3.2.5 and changed to read ***Submit one legible copy, in approved transferrable media, of a report listing test and inspection results and missing and defective components, circuitry and hardware to the SUPERVISOR.***
- Changed 3.3.6 Remove ***defective*** existing and install new coil and transformer leads in place of those identified to be missing or defective. ***Install new coil and transformer leads in place of those identified to be missing.***
- Renumbered 3.5-3.6.1.2 to 3.4-3.5.1.2; delete 3.6.2, renumber 3.6.3 to 3.5.2.
- Added 3.6 ***Submit one legible copy, in approved transferrable media, of a report listing results of the requirements of 3.4, 3.5, and a list of new components, assemblies, subassemblies, internal circuitry, and hardware installed to the SUPERVISOR.***
- Changed 3.7 Install and connect each circuit breaker, ***using retained mounting hardware and fasteners.***

009-81 Compartment Closeout; accomplish

- Changed 3.1.1 The compartment closeout schedule ***will be based on the list of affected spaces provided by the SUPERVISOR during the bidding process which lists all affected spaces requiring a compartment closeout along with the assigned Key Event or Milestone. The compartment closeout schedule*** shall contain the following minimum information:
- Deleted 3.1.1.1, renumbered 3.1.1.2-3.1.1.5 to 3.1.1.1-3.1.1.4.

- Changed** 3.1.2 *Compartment closeout inspections shall be completed at least one day prior to the associated Key Event or Milestone, unless otherwise approved by the SUPERVISOR.*
- Deleted** 3.1.2.1-3.1.6.
- Changed** 3.2.1 Acceptance criteria is completion of all contractor work within the compartment inclusive of associated Work Items, **and** settled changes to associated Work Items.
- Changed** 3.2.2 *Identify and list any incomplete work or discrepancies for each compartment on the compartment closeout schedule. Deficiencies shall be updated and reviewed at the weekly progress meeting until completed.*
- Added** 3.2.2.1 *Inspection of each compartment shall be considered complete when all contractor responsible deficiencies are remedied or adjudicated. The SUPERVISOR, Commanding Officer's designated representative and the contractor will sign the Compartment Closeout Schedule indicating contractor work in the compartment is complete.*
- Added new** 3.3.1 *Include any new work or changes in work boundaries via the Contractor Furnished Report (CFR)/Request for Contract Change (RCC) process. Renumbered 3.3.1 and 3.3.2 to 3.3.2 and 3.3.3.; changed 3.3.3 Highlight each discrepancy that cannot be corrected prior to their associated Key Event or Milestone date, providing the reason and expected completion date.*
- Changed** 4.3 Tanks inspected and closed with a work item are exempt from the requirements of 009-81; **Changed** 4.5 The contractor is not required to conduct a compartment closeout for spaces in which only services were routed. If damage is caused by the routing of services, the contractor is only required to repair the damaged areas; **deleted** 4.6-4.8.

009-89 Contractor Furnished Anode Purchase and Inspection; accomplish
 --**Changed to a CAT II**

009-93 Emergency Planning and Community Right-to-Know Act (EPCRA) and Pollution Prevention Act (PPA) Information; provide

- Added** 2.4 *OPNAV M-5090.1, Enviromental Readiness Program Manual*
- Changed** 3.1.1 Designate a primary and secondary point of contact to receive reports **/notifications from the SUPERVISOR** applicable under this item.
- Added** 3.1.1.1 *These reports/notifications will include quantities of hazardous substances stored or accidentally released by Government activities in accordance with Sections 302, 304, 311, 312, and 313 of 2.1. In accordance with 2.4, material maintained under the ship's custody is not subject to the reporting requirements of 2.1 (See Note 4.1).*

009-96 Ball Valve; repair

--**Changed** 3.4 Assemble each valve installing new each packing, each gasket, each diaphragm, each spring, and each soft seat, and each fastener, **for those removed in 3.2** in accordance with the manufacturer's specifications or instruction.

009-100 Ship's Stability; maintain

--**Deleted** 3.1.2 which stated when to submit the PCP.

009-104 Vibration Testing and Analysis; accomplish

--3.2 CHECK POINT, **added (G)** to (V)

--**Changed** 3.2.1 Test the equipment at normal operational speed and load, using 2.2 for guidance. **Commence vibration testing upon satisfactory completion of shipboard operational testing.**

009-108 Aircraft Carrier Transit and Berthing; accomplish (**CANCELLED**)

009-120 Fact Finding and Critique of Unplanned Event; manage

--**Changed** 3.1 Accomplish **each** fact finding and **each** critique of a **severity Level One event** and the requirements of this Standard Item upon discovery of an unplanned event as directed by the **Commanding Officer of the SUPERVISOR.**

--**Changed** 3.2.5.1 A Critique Meeting may be deemed not warranted based on the results of the Fact Finding investigation. The problem(s) resulting in the unplanned event must be fully understood and cause(s) clearly known. The SUPERVISOR must concur in the decision to not hold a Critique Meeting and a Final Fact Finding Report must still be prepared and submitted. **Authorization for conducting of a Critique must be approved by the Commanding Officer of the SUPERVISOR.**

--**Added** 3.4.1 Plan for 2 each Fact Finding and one each Critique for a Chief of Naval Operations (CNO) Availability or one each Fact finding and one each critique for a Continuous Maintenance Availability (CMAV).

--**Added** 3.4.1.1 Plan for 12 mandays of labor and 250 dollars of material to accomplish each Fact Finding of an Unplanned Event. If the total costs are less than the authorized manday and dollar amounts, remaining funds will be subject to recoupment. The contractor is not authorized to exceed these limits.

--**Added** 3.4.1.2 Plan for 8 mandays of labor and 250 dollars of material to accomplish each Critique of an Unplanned Event. If the total costs are less than the authorized manday and dollar amounts, remaining funds will be subject to recoupment. The contractor is not authorized to exceed these limits.

--ATTACHMENT A, **changed** 1.2.2 Problems meeting the criteria of Level 2 or 3 shall be investigated to determine and correct the cause(s) of the unplanned event, normally on the spot, but a Fact Finding Report is not required for a Level **2 or 3** problem. For completeness, Level **2 or 3** problems identified in

conjunction with a Fact Finding Investigation for a Level One problem shall be included in the Fact Finding Report.

009-124 Thermal Spray NonSkid Application; accomplish

New CAT II

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