

Waterfront Maintenance Note Number 22

Emergency Breathing Air System Pressure Relief Valve Testing

- Ref: (a) COMFLTFORCOMINST 4790.3, (Series), Joint Fleet Maintenance Manual (JFMM) VOL VI, CH 9.
(b) MIP Series 5519, Applicable MRC's.
(c) MIL-STD-1622B, DOD STANDARD PRACTICE FOR CLEANING OF SHIPBOARD COMPRESSED AIR SYSTEMS

1. Purpose: To establish procedures for the process to test and set Breath Air, Critical Air and Safety Pressure Relief valves in accordance with references (a) through (c) and the following procedure.

2. Background: As the local RMC at Mayport Naval Station, SERMC does not have the capability to perform Breath Air Pressure Relief valve testing in accordance with applicable MRCs. SERMC has confirmed the Trident Refit Facility (TRF) at Naval Submarine Base Kings Bay does possess the capability and has agreed to perform these requirements for Navy Units homeported at Mayport Naval Station, Mayport, Florida.

3. Procedures: The following outlines procedures and responsibilities to accomplish testing and setting requirements for breath air pressure relief valves in accordance with reference (b) requirements. Direct coordination between the Ship and TRF is critical for success.
 - a. Ship's Force (S/F) shall:
 - (1) Submit one 4790/2K (2K) for one fiscal year of valve test and set services encompassing all pressure relief valve service needs (test and set) identifying the Ship specific applicable reference (b) requirements. The CNSL Port Engineer will broker the 2K to TRF.
 - (2) Notify and coordinate with the TRF Valve Test Shop detailing the number and type valves ready for testing and the delivery, redelivery schedule necessary to support Ships mission. Urgent requests should be clearly communicated and mutually agreed to prior to delivering valves.
 - (3) Individually remove, protect, bag, and tag each individual valve, ensuring to maintain Life Critical air system cleanliness standards in accordance reference (c), and all Notes, Warnings, Cautions, and Procedures included in the applicable reference (b).
 - (4) Deliver the relief valve(s) each with an affixed and completed LANTFLT Form 4790/7, Ship to Shop Tag, documenting the equipment and transfer on the prearranged delivery date.
 - (5) Provide at delivery to TRF a copy of the applicable MRC card for each valve

delivered, and any other technical documentation necessary to determine the required relief valve set pressures.

(6) Return to TRF, sign the Ready For Pickup Tag, Section 2, of the accompanying Ship to Shop Tag, and take receipt of valve(s) upon notification of completed testing.

b. TRF Valve Test Shop shall:

(1) Receive valve(s), MRCs and any technical documentation from the Ship representative upon delivery, and sign the Custody Material Receipt, Section 3, of the accompanying Ship to Shop Tag.

(2) Perform the applicable valve pressure test and setting requirements, installing required lock wire and tags, in accordance with applicable MRCs.

(3) Repackage, protect, bag, and tag each individual valve, ensuring to maintain Life Critical air system cleanliness standards in accordance reference (c), and all Notes, Warnings, Cautions, and Procedures included in the applicable MRC.

(4) Provide with each valve applicable QA documentation reflecting the satisfactory relief valve testing.

(5) In the event a valve fails testing requirements, affix a large tag to the valve clearly marked "O.O.C. Do Not Use" and return to the ship. Failed valves will be replaced with new.

(6) Communicate with the applicable Ship representative to coordinate pickup/redelivery of the valve(s) upon completion of testing requirements.

4. Points of Contact Information.

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