

Waterfront Maintenance Note Number 21

Relief Valve Testing Facility

Ref: (a) COMFLTFORCOMINST 4790.3, (Series), Joint Fleet Maintenance Manual (JFMM)
VOL VI, CH 9.

Encl: (1) SERMC Relief Valve Tag Information

1. Purpose: To establish a routine for Ship's Force relief valve testing and relief valve repair.

2. Background: SERMC offers relief valve testing and valve repair to satisfy PMS requirements. This WFMN describes the responsibilities for scheduling and conducting relief valve testing and repair.

3. Responsibilities: Relief valve testing requires coordination through the SERMC Ship Superintendent.

a. Ship's Force shall:

(1) Submit a 4790/2K (2K) for one year of relief valve services (test and set).

(2) Notify the respective SERMC Ship Superintendent of the Ship's need for relief valve testing and coordination with C944 Valve Shop.

(3) Bring the relief valve(s) to SERMC C944 Valve Shop ensuring the valve(s); has been cleaned of any HAZMAT (i.e. lube oil, fuel oil, etc.), has FME installed, and has a ship to shop tag attached.

(4) Provide the technical documentation that shows the relief valve(s) set pressure. Additionally, the technical documentation must be signed and dated by the Chief Engineer. Acceptable technical documentation: PMS, MRC, EOSS system drawing, ship specific safety settings list.

(5) Provide a QA Craftsman and QA Inspector to witness the relief valve testing.

(6) Submit a 4790/2K if the relief valve cannot be set and tested successfully after conducting routine maintenance.

b. SERMC C944 Valve Shop shall:

(1) Provide technicians to operate the relief valve test stand for relief valve testing.

(2) Provide assistance, training, and tools in order for Ship's Force to conduct routine valve maintenance on valves that failed testing.

(3) Provide a new valve label, attached to the relief valve, documenting the satisfactory testing IAW Enclosure (1).

(4) Receive a copy of the Ship's Force completed form QA17, of satisfactorily tested valve(s), to be maintained in a database by the C944 LCPO.

4. Procedure.

a. SERMC C944 Valve Shop receive valve(s) from Ship's Force and remove FME in preparation for testing.

b. SERMC C944 Valve Shop determine which SOP will be used for the valves received (SOP 940-2 or 940-3) and use Ship's Force technical documentation to determine the primary and secondary gauges required for testing.

c. Ship's Force observe (Ship's Force QA Craftsman and QA Inspector) the relief valve(s) testing and determine the testing results. Complete form QA17 upon determination of successful testing. Ship's Force conduct routine valve maintenance, with the guidance and assistance of SERMC personnel, for those relief valve(s) that fail testing.

d. SERMC C944 Valve Shop manufacture a relief valve tag(s), using enclosure (1) as a guide, for the satisfactorily tested valve(s) as determined by Ship's Force.

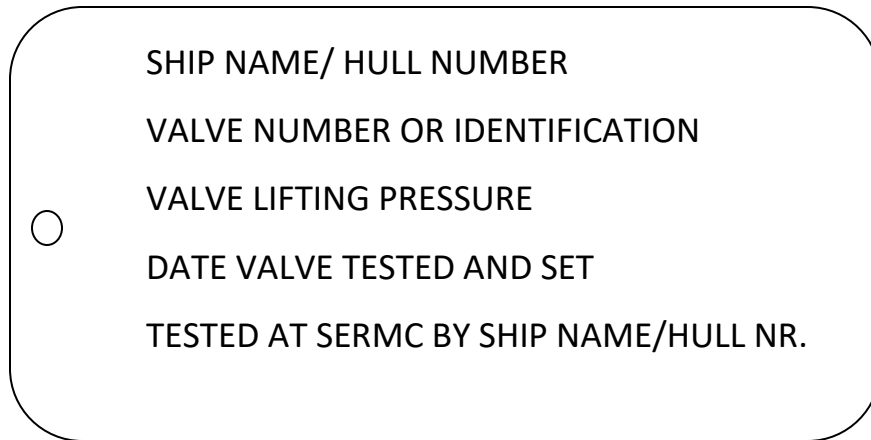
e. SERMC C944 Valve Shop install new relief valve tag(s) and FME.

f. Ship's Force provide a copy of signed form QA17 to SERMC C944 Valve Shop, and receive tested valve(s).

5. Points of Contact. For further guidance or information, contact SERMC Machine Product Family Supervisor, Code 940, at 904-270-5126 X3349.

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SERMC Relief Valve Tag Information:



A diagram of a rectangular tag with rounded corners. On the left side, there is a small circle representing a hole. To the right of the hole, the following text is listed in all caps:

- SHIP NAME/ HULL NUMBER
- VALVE NUMBER OR IDENTIFICATION
- VALVE LIFTING PRESSURE
- DATE VALVE TESTED AND SET
- TESTED AT SERMC BY SHIP NAME/HULL NR.

Figure 1