

**Waterfront Maintenance Note Number 21**

**Relief Valve Testing Facility**

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

1. Purpose: To establish procedures for the relief valve testing and relief valve repair if required due to a relief valve failing to lift or be adjusted to its designed parameter.

2. Background: SERMC is capable of performing relief valve testing and valve repair to satisfy PMS requirements. This WFMN describes the responsibilities and procedures for scheduling and conducting relief valve setting.

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

a. Ship's Force (S/F) shall:

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

(2) Notify the respective ship superintendent of the ships' request for relief valve testing for coordination with C944 Valve Shop.

(3) Deliver the relief valve(s) ensuring the valve; 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) Be present during relief valve testing and be available to conduct routine maintenance, with the guidance and assistance of SERMC personnel, for those relief valves that fail testing.

(6) Submit a 4790/2K if the relief valve cannot be set and tested after conducting routine maintenance, thus requiring overhaul or further repairs.

b. SERMC shall:

(1) Provide technicians to conduct the relief valve testing and setting with a qualified Quality Assurance Inspector present to witness the testing.

(2) Provide a copy of the completed QA-17 form documenting the satisfactory relief valve testing.

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

(4) Provide assistance, training, and tools in order for S/F to conduct routine maintenance on valves that have failed testing with the intention to disassemble, clean, assemble, and set or re-test.

(4) Maintain a database of ships that have utilized C944 Valve Shop, with the relief valves that were tested by: system, test pressure, and date tested for each valve.

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