

NAVSEA  
STANDARD ITEM

FY-05

ITEM NO: 009-87  
DATE: 30 AUG 2002  
CATEGORY: I

1. SCOPE:

1.1 Title: Chlorination Procedures; accomplish

2. REFERENCES:

2.1 NAVMED P-5010-6, Manual of Naval Preventive Medicine, Chapter 6,  
Water Supply Afloat

3. REQUIREMENTS:

3.1 Accomplish chlorination of each affected potable water system in accordance with 2.1.

3.2 Accomplish a halogen (chlorine) residual test for each affected potable water tank and system. Acceptable free availability chlorine (FAC) shall meet minimum levels specified in 2.1.

3.2.1 Submit one legible copy, in hard copy or electronic media, of the chlorine residual test to the SUPERVISOR not later than 24 hours after the completion of the test, stating that minimum FAC level has been met in accordance with 2.1.

3.3 Secure and tag out each affected potable water system upon completion of the residual chlorine test.

3.4 Accomplish a bacteriological test for each affected potable water system.

3.4.1 Bacteriological testing must be accomplished at laboratories certified by state regulatory agencies in states having primacy, or by the Regional EPA Office in states not having primacy.

3.4.2 Submit one legible copy, in hard copy or electronic media, of completed report to the SUPERVISOR not later than 24 hours after the completion of the test, with certification that the water is safe for human consumption.

3.5 Remove each tag upon completion of satisfactory bacteriological test and release each potable water system for Ship's Force use.

4. NOTES:

4.1 Do not take calcium hypochlorite in dry powder form aboard ship. Mixing is to be done ashore.

4.2 Reference 2.1 can be accessed at:

[http://www.spawar.navy.mil/usn/nepmu5/html/preventive\\_medicine\\_manuals.html#](http://www.spawar.navy.mil/usn/nepmu5/html/preventive_medicine_manuals.html#)