

NAVSEA
STANDARD ITEM

FY-14

ITEM NO: 009-87
DATE: 17 JAN 2013
CATEGORY: I

1. SCOPE:

1.1 Title: Chemical Disinfection 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 disinfection of each affected potable water system, tank,
pump, piping, and hoses in accordance with 2.1.

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

3.2.1 Submit one legible copy, in approved transferrable 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 chlorine residual 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 approved transferrable 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.

3.6 Accomplish localized disinfection of new and disturbed pipe fittings, pipe ends, and valves in accordance with Article 6-23c of 2.1.

3.7 Remove and dispose of chlorinated water and all rinse water in accordance with federal, state, and local laws, codes, ordinances, and regulations.

4. NOTES:

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

4.2 2.1 can be accessed at:

<http://navymedicine.med.navy.mil> (use link to Navy Medicine Directives, Publications and Manuals)

or

<http://www-nehc.med.navy.mil/downloads/prevmed/NewP-5010-6.pdf>