

SOUTHEAST REGIONAL MAINTENANCE CENTER
LOCAL STANDARD ITEM

FY-18

ITEM NO: 099-61SE
DATE: 27 JAN 2009
CATEGORY: I

1. SCOPE:

1.1 Title: Temporary Hazardous Material (HM)/Hazardous Waste (HW)/
Satellite Accumulation Point (SAP) Storage Units for Ship's
Force Use at Contractor's Facility; provide

2. REFERENCES:

2.1 29 CFR Part 1915, Occupational Safety and Health Standards for
Shipyard Employment

2.2 NFPA Standard 30, Flammable and Combustible Liquids Code

2.3 NFPA Standard 70, National Electrical Code

3. REQUIREMENTS:

3.1 Provide 2 lockable, weatherproof storage units for Ship's Force use,
each conforming to the requirements of 2.1 through 2.3, for Hazardous
Material (HM) storage (paint, flammable, and corrosive liquids), from the
first day of the contract to the last day of the contract.

3.1.1 Designate one unit as a Satellite Accumulation Point (SAP)
for storage of no more than 55 gallons of HW (cumulative total).

3.1.1.1 Identify an area within the unit as the SAP, using
2-inch wide orange tape or signs with minimum 2-inch high red letters on a
white background.

3.1.1.2 Remove HW in excess of 55 gallons within 72 hours
and move to the contractor's HW 90-day storage area for short-term storage.

3.1.1.3 Inspect HW in the 90-day storage area on a weekly
basis, providing a written copy to the SUPERVISOR verifying inspection of
Navy Generated Waste.

3.1.2 Post weather-resistant signs for the SAP as follows:

3.1.2.1 "NO SMOKING WITHIN 50 FEET" shall be posted on all exterior sides, clearly visible from a distance of 50 feet

3.1.2.2 "DANGER-UNAUTHORIZED PERSONNEL KEEP OUT" shall be posted on each entrance, clearly visible from a distance of 25 feet

3.1.2.3 "HAZARDOUS WASTE STORAGE AREA" shall be posted on each entrance, clearly visible from a distance of 25 feet

3.2 In addition to the requirements of 2.1 through 2.3, each storage unit shall conform to the following:

3.2.1 The exterior shall be painted white with all required signs painted in red.

3.2.1.1 Install a removable aluminum sign, 18 by 24 inches, on each access door showing user's name, points of contact (Hazardous Waste Coordinator and Alternate), and phone numbers.

3.2.2 Provide 2 fully charged 15 pound CO² fire extinguishers, mounted outside the storage units within 4 feet of each access.

3.2.3 Provide alarm system for each storage unit to provide personnel notification in the event of a fire, spill or other emergency.

3.2.4 Provide communication between the SAP storage units and the ship's quarterdeck.

3.2.5 Provide a minimum of 320 square feet of floor space, with a 7-foot minimum ceiling.

3.2.5.1 Floor load limit shall be a minimum of 100 pounds per square foot with raised grating for the storage area floor.

3.2.5.2 Floor space shall be liquid tight, including where the walls join the floor.

3.2.6 Accesses shall be contained through the use of noncombustible, liquid-tight raised coaming or ramps of at least 4 inches (10 cm) in height or otherwise designed to prevent the flow of liquids to adjoining areas.

3.2.7 Provide secondary containment designed to prevent the flow of liquids outside the containment area.

3.2.8 Aisles shall be maintained at a minimum of 3 feet wide.

3.2.9 Provide a minimum of 200 square feet of 24-inch wide shelving.

3.2.10 Provide a minimum of 10 foot candles of lighting throughout provided by explosive proof fixtures.

3.2.11 Provide a minimum of one explosive proof, grounded, 115 volt, 15 amp, single phase, AC duplex receptacle.

3.2.12 Provide ventilation for each storage unit by non-sparking electric exhaust vent fan(s) or a mechanical exhaust ventilation system(s). The location of the ventilation system(s) shall be arranged to provide air movement across all areas of the floor to prevent accumulation of flammable vapors. Exhaust from each storage unit shall be directed to the atmosphere, and not recirculated into compartment air.

3.2.12.1 Each ventilation system(s) shall provide, at a minimum, one cubic foot per minute (CFM) of exhaust per square foot of floor area, but not less than 150 CFM each if multiple ventilation systems are used.

3.2.13 Maintain temperature within 35 to 90 degrees Fahrenheit.

3.2.14 Separate each storage unit from other structures by a minimum of 25 feet.

3.2.15 Provide 2 portable eye wash stations with a minimum of 15 gallons of flushing water capacity each located adjacent to each of the storage units.

3.2.15.1 The eyewash stations shall be within 100 unobstructed feet and no more than 10 seconds fast walk from the hazard.

3.2.16 Provide a spill kit for the storage units containing the following:

3.2.16.1 Nitrile gloves (2 pair)

3.2.16.2 Splash goggles (2 pair)

3.2.16.3 Absorbent pads, polypropylene, general purpose (15 each)

3.2.16.4 Three-inch by 4-foot absorbent socks (8 each)

3.2.16.5 Absorbent floor dry (one 25-lb. bag)

3.2.16.6 Disposal bags (one package)

4. NOTES:

4.1 MSDS's for all hazardous material used by Ship's Force during each availability will be maintained in a flexible plastic envelope inside each flammable storage unit.

4.2 A facility diagram detailing the location of all equipment and supplies located inside each flammable storage unit and an evacuation plan will be maintained inside each unit.