

SOUTHEAST REGIONAL MAINTENANCE CENTER
LOCAL STANDARD ITEM

FY-22

ITEM NO: 099-61SE
DATE: 02 JAN 2020
CATEGORY: I

1. SCOPE:

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

2. REFERENCES:

2.1 29 CFR Part 1915, Occupational Safety and Health Standards for
Shipyards 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 EA lockable, weatherproof storage unit for Ship's Force
use, conforming to each requirement of 2.1 through 2.3, for Hazardous
Material (HM) storage (paint, flammable, and corrosive liquid), 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 signage with minimum 2-inch high red lettering
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 signage for the SAP as follows:

3.1.2.1 "NO SMOKING WITHIN 50 FEET" must be posted on each exterior side, clearly visible from a distance of 50 feet

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

3.1.2.3 "HAZARDOUS WASTE STORAGE AREA" must 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 must conform to the following:

3.2.1 Required signage must be painted red.

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

3.2.2 Provide 2 EA fully charged 15 pound CO² fire extinguisher, mounted outside each storage unit 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 each SAP storage unit 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 must be a minimum of 100 pounds per square foot with raised grating for the storage area floor.

3.2.5.2 Floor space must be liquid tight, including where each wall joins the floor.

3.2.6 Each access must be contained through the use of noncombustible, liquid-tight raised coaming or ramp of at least 4 inches (10 cm) in height or otherwise designed to prevent the flow of liquid to each adjoining area.

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

3.2.8 Each aisle must 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 each explosive proof fixture.

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

3.2.12 Provide ventilation for each storage unit by non-sparking electric exhaust vent fan or a mechanical exhaust ventilation system. The location of each ventilation system must be arranged to provide air movement across each area of the floor to prevent accumulation of flammable vapor.

Exhaust from each storage unit must be directed to the atmosphere, and not recirculated into compartment air.

3.2.12.1 Each ventilation system must 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 more than One ventilation system is used.

3.2.13 Maintain temperature within 35 to 90 degrees Fahrenheit.

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

3.2.15 Provide 2 EA portable eye wash station with a minimum of 15 gallons of flushing water capacity each located adjacent to each storage unit.

3.2.15.1 Each eyewash station must be within 100 unobstructed feet and no more than 10 seconds fast walk from the hazard.

3.2.16 Provide a spill kit for each storage unit containing the following:

3.2.16.1 Nitrile glove (2 pair)

3.2.16.2 Splash goggle (2 pair)

3.2.16.3 Absorbent pad, polypropylene, GP (15 EA)

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

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

3.2.16.6 Disposal bag (One package)

4. NOTES:

4.1 Each MSDS 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 each supply located inside each flammable storage unit and an evacuation plan will be maintained inside each unit.