

NAVSEA  
STANDARD ITEM

FY-19

ITEM NO: 009-03  
DATE: 01 OCT 2017  
CATEGORY: I

1. SCOPE:

1.1 Title: Toxic and Hazardous Substance; control

2. REFERENCES:

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

3. REQUIREMENTS:

3.1 Identify materials that may contain toxic or hazardous substances as listed in Subpart Z of 2.1 that are to be used, removed, or disturbed during work operations.

3.1.1 Conduct and document an initial determination of potential personnel exposure to these materials prior to the start of work.

3.1.1.1 Provide a copy of the documentation, signed by a competent person as defined in 29 CFR 1915.4, to the SUPERVISOR upon request.

3.2 Ensure that work operations comply with the requirements of 2.1 for the use of toxic or hazardous substances and removal or disruption of existing toxic or hazardous substances.

3.3 Ensure that processes or procedures for work operations that can expose personnel to toxic or hazardous substances comply with the requirements of 2.1. At a minimum, address the following: exposure monitoring, method of compliance, engineering and work practice controls, respiratory protection, protective clothing, housekeeping, hygiene facilities and practices, medical surveillance, employee information and training, signs, and recordkeeping.

3.3.1 Submit one legible copy of process(es) or procedure(s), in approved transferrable media, when requested by the SUPERVISOR.

3.4 Provide a notice to the SUPERVISOR and to the Commanding Officer's designated representative **at least 4 hours, but not more than 24 hours** prior to commencement of any work operation that **requires establishment of a regulated area in accordance with** the requirements of 2.1 (i.e. cleaning of

spaces that have contained flammable or combustible liquids, lead work, cadmium work, asbestos work, etc.)

3.4.1 Post the notice at the ship's Quarterdeck and at all entrances to spaces where work operations will be performed that require posting of warning signs, signs, or establishment of a regulated area.

3.4.2 The notice shall contain the following information:

3.4.2.1 Ship's name and hull number

3.4.2.2 Work Item number

3.4.2.3 Compartment or frame number

3.4.2.4 Identification of hazard

3.4.2.5 Date and time of work process

3.4.2.6 Identification of engineering and work practice controls

3.4.3 Deliver notification of work planned over a weekend or Monday following that weekend to the Commanding Officer's designated representative not later than 0900 on the Friday immediately preceding that weekend.

3.4.4 Deliver notification of work planned on a Federal holiday and on the day following the Federal holiday to the Commanding Officer's designated representative not later than 0900 on the last working day preceding the Federal holiday.

3.5 Provide for isolation and blanking of ship's ventilation systems in work areas to prevent toxic or hazardous substance contamination of ventilation systems or other compartments/spaces.

3.6 Establish regulated areas for monitoring and authorized personnel entry whenever concentrations of the toxic or hazardous substance are in excess of exposure limits as listed in 2.1.

3.7 Monitor the affected areas during work operations to ensure compliance with 2.1. Monitoring shall include adjacent spaces to ensure the work area containments and work practices are effective. Results of surveillance shall be documented and documentation shall be made available to the SUPERVISOR.

#### 4. NOTES:

4.1 The term "hazardous substance" means a substance, which by reason of being explosive, flammable, poisonous, corrosive, oxidizing, irritant, or otherwise harmful is likely to cause injury.

4.2 Consider ventilation cleaning debris to contain toxic or hazardous substances.