

NORTHWEST REGIONAL MAINTENANCE CENTER  
LOCAL STANDARD ITEM

FY-17

ITEM NO: 099-01NW  
DATE: 6/30/2016  
CATEGORY: I

1 SCOPE

- 1.1 Title: General Occupational Safety and Health Requirements for the Bremerton Naval Complex (BNC); accomplish

2 REFERENCES

- 2.1 Standard Items
- 2.2 29 CFR 1910, General Industry Standards
- 2.3 29 CFR 1915, Shipyard Industry Standards
- 2.4 0905-LP-485-6010, Control of Testing and Ship Conditions
- 2.5 S0400-AD-URM-010/TUM, Tag-Out User Manual
- 2.6 OSHE Control Manual 250, Hazardous Energy Control**
- 2.7 NAVSUP Publication 538, Management of Materials Handling Equipment (MHE)
- 2.8 NAVFAC P300, Management of Civil Engineering Support Equipment

3 REQUIREMENTS

- 3.1 Inform employees that PSNS & IMF is a VPP Star site in Occupational Safety and Health Administration's (OSHA) VPP (see Note 4.6).
- 3.2 Ensure all personnel, including supervisors and subcontractors, are trained to the facility specific requirements specified in this local standard item (see Note 4.7).
- 3.2.1 Provide certificate(s) of training upon request by the SUPERVISOR.
- 3.3 Submit the OSHA 300A summary report for injuries that occurred at the BNC if 1,000 or more hours are worked at the BNC in any calendar quarter.
- 3.3.1 Submit the OSHA 300A summary report to the SUPERVISOR by the end of the project or by 10 January for the previous

calendar year, whichever comes first. Include negative reporting.

**3.4 Provide and ensure employees use ANSI approved personal protective safety equipment (i.e. hard-hats, steel-toe safety shoes, safety glasses, and hearing protection).**

3.4.1 Comply with posted signs for Personal Protective Equipment (PPE) in facilities, general areas, dry docks, and onboard ships.

**3.5 Maximize use of low-noise emission equipment as certified by the Environmental Protection Agency (EPA).**

3.5.1 Provide hazardous noise signs and label equipment wherever work procedures and equipment produce sound-pressure levels greater than 84 decibels (dB) steady state and/or 140 dB peak sound pressure level for impact or impulse noise, regardless of the duration of the exposure. Signs must indicate the distance from the source that hearing protection is required (e.g. within 25 feet).

**3.6 Accomplish the requirements of 009-09 for all work on energized equipment (see Note 4.8).**

**3.7 Coordinate all contacts with regulatory agencies with PSNS & IMF Environmental, Safety, and Health Office (Code 106) via the SUPERVISOR.**

3.7.1 Provide requested documents to the SUPERVISOR for review and forwarding to the requesting agency.

3.7.2 Provide any related correspondence/record of communication between the contractor and regulatory agency to the SUPERVISOR.

3.7.3 Provide assistance to the Safety Office escort and the Federal OSHA inspector if a complaint is filed.

3.7.4 Pay any fines, levied on the contractor by Federal OSHA offices due to safety/health violation.

**3.8 Temporary local exhaust ventilation shall be used for all hot work and/or inert gas usage in enclosed shipboard spaces (see Note 4.9).**

3.8.1 Place temporary local exhaust ventilation close enough to the hot worker to remove fumes and smoke at the source and keep concentrations in the breathing zone within safe limits.

3.8.2 Contaminated air from a working space shall be discharged into the open air or otherwise clear of the source of intake air. All intake air shall be clean.

- 3.8.3 Ensure visible smoke from welding and thermal cutting operations does not accumulate in occupied shipboard enclosed spaces.
- 3.8.4 The use of "Smoke Eaters" is prohibited.**
- 3.8.5 Separate ventilation systems for operations generating flames, sparks, or hot material from exhaust systems that convey flammable or combustible materials such as paint.**
- 3.8.6 If any visible emissions are seen coming from a ventilation exhaust, contact Code 106.31 via the SUPERVISOR.**
- 3.9 Do not allow tools, equipment, or PPE (e.g., hard hats, gloves, TYVEK coveralls, etc.) to enter Government designated eating areas.
  - 3.9.1 Wash hands before entering a Government designated eating area.
- 3.10 Smoke in Designated Smoking Areas (DSA) only. DSAs are identified by Designated Smoking Area Sign.
  - 3.10.1 E-Cigarettes shall be used in a DSA only.
  - 3.10.2 Smoking by contractors and subcontractors is not authorized onboard vessels.
  - 3.10.3 Where conflicts arise between the rights of non-smokers and the rights of smokers, the rights of non-smokers to a smoke-free airspace shall prevail.
  - 3.10.4 Smokeless tobacco is prohibited during meetings, briefings, training sessions, and inspections.
    - 3.10.4.1 Spitting in wastebaskets, common trash containers, on the ground, or on other structural features out of doors is prohibited. Place saliva and smokeless tobacco waste mixtures in closeable containers and empty reusable containers for smokeless waste in toilets, or dispose of closed containers as common trash.
- 3.11 Operate all motor vehicles in accordance with Washington State law.
  - 3.11.1 Yield right of way to PSNS & IMF trains, cranes, and material handling equipment.
  - 3.11.2 Movement is prohibited between 1602 and 1609 hours.
  - 3.11.3 Vehicle operators shall obtain permission from the rigger in charge of directing crane movement on piers, around dry docks in areas of crane operations, and near material handling equipment for entry into these areas.

3.11.4 Cell phones shall not be used while driving unless the vehicle is safely parked.

3.11.4.1 Portable headphones, earphones, or other listening devices are prohibited from being worn while driving within the BNC.

**3.12 Upon request, submit training documentation to the SUPERVISOR which validates personnel are qualified to operate specific Construction or Material Handling Equipment (MHE) to which they are assigned.**

3.12.1 Operators must use a "spotter" (observer) to assist them with load movement where visibility is hampered and in congested areas.

3.13 Comply with the following speed limits:

3.13.1 7 miles per hour (mph) on main thoroughfares.

3.13.2 5 mph in and around pier/dry docks.

3.13.3 3 mph in congested work areas (vehicle/pedestrian traffic/uneven surfaces).

3.14 Contractors are prohibited from operating Government owned MHE without specific authorization.

3.15 Forklift operators are to know the weight of all loads being transported.

3.15.1 Loads 10 feet or wider will have flags attached and reflective tape/paint applied or use lights at night to make load ends visible.

3.15.2 Operators must use a "spotter."

**3.15.3 Forklift operators are prohibited from pushing/pulling, use of forklift attachments, and overhead rigging from a forklift without written approval from the manufacturer.**

**3.15.3.1 Submit manufacturer approval documents to the SUPERVISOR prior to use.**

3.16 When working from Aerial Work Platforms (AWPs), maintain materials placed in the platform/basket within the confines of safety railings.

3.16.1 Wear fall protection equipment when working from AWPs.

3.16.2 The AWP shall be cordoned off, barricaded or use a ground level spotter.

3.16.3 Contractor employees tending lines are to be on the ground and verify lines are clear and will not snag on obstructions.

- 3.16.4 Secure AWP operations when wind speeds exceed manufacturer wind speed limits.
    - 3.16.4.1 Obtain wind speed information by contacting the BNC Port Services Office at telephone number (360) 476-3467.
  - 3.16.5 Maintain on site the manufacturer's authorization which allows AWP operations to take place on waterborne vessels/platforms (barges). Provide a copy of the authorization to the SUPERVISOR upon request.
  - 3.16.6 Ensure the AWP is properly secured at all times per the manufacturer authorization requirements.
  - 3.16.7 Operators shall maintain the completed pre-operational checklist on-site for the current day of use.
  - 3.16.8 A maximum of two persons (operator and one passenger) are allowed in the basket/platform of contractor operated AWPs and Scissor lifts.
  - 3.16.9 AWPs shall never be stored boom-up in an area of high personnel traffic (e.g. designated pedestrian walkways, etc.) unless a barrier is placed to prevent the area from being used as a thoroughfare.
- 3.17 Accomplish the requirements of 2.3 and the following for scaffolding:
- 3.17.1 **Scaffold ladder floor openings (without trap doors) shall be guarded by a standard railing with standard toe board on all exposed sides, except at entrance to opening. The entrance to the opening shall be guarded with a swinging gate. Scaffold ladder access openings through platform guardrails shall be guarded with a swinging gate.**
  - 3.17.2 For scaffold ladders used to ascend to heights exceeding 21 feet, each ladder section shall be offset from the adjacent section, and a landing platform shall be provided at each offset.
  - 3.17.3 **Ladders shall be positioned perpendicular (85 - 95 degrees) to the railing swing gate opening.**
  - 3.17.4 When OSHA/American National Standards Institute (ANSI) or manufacturer guidelines exist scaffolds shall be designed by a qualified person, and shall be constructed and loaded in accordance with that design. Without OSHA/ANSI or manufacturer guidelines (such as for most "hanging scaffolds"), scaffolds shall be designed by a registered professional engineer and constructed and loaded in accordance with such designs. A copy of the detailed drawings and specifications for engineered scaffolds, showing the sizes and spacing of members, shall be kept on the job. Calculations for engineered designs shall be made available upon request.

3.17.5 A commercially available scaffold tag system shall be used on all scaffolds. The tagging system shall, as a minimum, consist of red "Danger" tags and green "ok to use" tags.

3.17.5.1 Tags are to be placed on the structure as close to each of the ladder/access points as possible.

3.17.5.2 Any scaffold that is not tagged shall not be used.

3.17.5.3 The red tag shall be applied to indicate to users the scaffold is being dismantled, is not yet completely erected, or for some reason is not safe and shall not be used.

3.17.5.4 The green tag shall be applied by the competent person to indicate the scaffold is safe to use and is compliant with all OSHA regulations and other applicable requirement (ANSI/manufacturer/engineering).

3.17.5.5 Fall protection Personal Protection Equipment (PPE) shall not be required when a green tag is used.

3.17.3.6 As a minimum, the green tag will show the following information:

- The location of the structure.
- A reference number to identify each structure if necessary.
- The date first erected.
- Who built the scaffold.
- The competent person's name and signature.
- The load rating of the scaffold.

3.18 Accomplish the requirements of 009-32 of 2.1 and the following for paint removal:

3.18.1 Isolate and contain all power sanding, grinding, and needle-gunning on paint.

3.19 Accomplish the requirements of 2.3 and the following for Shipboard Spaces Requiring Competent Person Testing and Inspection Prior to Entry of Personnel(see Note 4.10:

3.19.1 Control hot work and entry to those spaces to preclude damage to the ship or injury to personnel.

3.19.2 Contractor, Shipyard and ships force shall coordinate operations so that operations which will change the

conditions of the space are reported and appropriately recorded.

- 3.19.3 Where contractors and Navy personnel (civilian and forces afloat) must physically work together in confined spaces, both the Navy and the appropriate contractor representative shall conduct separate testing, issue separate permits, and share findings.
- 3.19.4 Contact the SUPERVISOR for any questions or concerns relative to deciding whether a space does or does not fall under the requirements of reference 2.1 or 2.3.
- 3.19.5 Remove competent person certificates and logs at the completion of work in the space.
- 3.19.6 Maintain free access to exit routes for personnel egress.
- 3.19.7 Verify there are no other personnel within a securable space prior to locking or installing a cover by completing a 100 percent visual space check.
- 3.19.8 Post a "person working inside a securable space placard", obtained from the SUPERVISOR, prior to entering a securable space. Post the placard at the entrance, preferably at the locking mechanism. Write name(s) of persons in the space on the placard. Remove the placard upon leaving the space.
- 3.19.9 An outside/topside safety watch may be used as an alternative to placards. The safety watch must be at the entrance to the securable space to identify that personnel are working inside and prevent the space from being closed and locked.

#### 4 NOTES

- 4.1 Local Standard Item Requirements apply to Prime Contractors and their subcontractors.
- 4.2 BNC includes Puget Sound Naval Shipyard & Intermediate Maintenance Facility PSNS&IMF Bremerton site and Naval Base Kitsap (NBK) at Bremerton.
- 4.3 All personnel working at BNC have the authority to stop the contractor for life and health, environmental concerns (like discharges), and damage to the ship or naval property. The SUPERVISOR will be informed immediately.
- 4.4 The SUPERVISOR will consult with PSNS & IMF Code 106 for clarification of any requirements specified in this local standard item.
- 4.5 Coordination of Confined Space Certificates at Puget Sound Naval Shipyard & Intermediate Maintenance Facility (PSNS&IMF) is performed by the Project Tank Office. Contact the SUPERVISOR for

any questions concerning coordination of Confined Space Certificates.

- 4.6 Information about VPP can be found at <http://www.osha.gov/dcsp/vpp/index.html>.
- 4.7 Failure to comply with or incurring repeated violations of local, State, or Federal regulations can result in the violator(s) losing access to the BNC or the operation being suspended until properly trained personnel are provided.
- 4.8 Any evolution (maintenance, testing, or operation) being performed where energized circuits are readily accessible by incidental contact with tools or personnel is defined as work on energized equipment.
- 4.9 The following operations are not considered hot work:
- **automatic timed arc stud welding**
  - **electric resistance type strip heaters**
  - **ferrous metal grinding with 3" or smaller wheels**
  - **electric heat guns**
  - electric soldering
- 4.10 The following spaces are considered confined spaces at the BNC in addition to those meeting the criteria of a confined space in 2.3:
- JP-5 Pump Rooms.
  - Storage Rooms with vertical ladders.
  - Shaft Alleys.
  - Re-boiler Rooms.
  - Number 1 and 2 Catapult Accumulator Rooms.
  - Steering Gear Room.