

SPECIFICATION for  
Laser Alignment Tool  
Projects #789-832  
16 Jun 16

**ENCLOSURE 1**

**SAFETY REQUIREMENTS FOR THE PUGET SOUND NAVAL SHIPYARD AND INTERMEDIATE  
MAINTENANCE FACILITY, BANGOR SITE**

**SCOPE**

These specifications provide safety information and procedures required for any work performed at Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS & IMF), Bangor Site. This does not include additional safety requirements from Naval Base Kitsap at Bangor which is the host activity at Bangor.

**APPLICABLE DOCUMENTS**

The following documents form a part of this specification. Unless otherwise indicated, the issue in effect on the date of a request for proposals or request for quotes shall apply.

**National Fire Protection Association (NFPA)**

NFPA 54	National Fuel Gas Code
NFPA 70	National Electric Code
NFPA 79	Electrical Standards for Industrial Equipment

**Code of Federal Regulations**

29 CFR 1910	Occupational Safety and Health Standards
29 CFR 1915	Occupational Safety and Health Standards for Shipyard Employment
29 CFR 1926	Safety and Health Regulations for Construction

(Application for copies should be addressed to Superintendent of Documents, Government Printing Office, Washington, DC 20402)

**Washington State Administration Code (WAC)**

WAC 173-60	Maximum Environmental Noise Levels
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**Other Requirements**

ASME B30.26

NAVFAC P-307

NAVCANECENINST 11450.2 (18 march of 2013)

**I. GENERAL REQUIREMENTS**

- a. All documentation/correspondence and/or communication specified in these specifications shall be submitted to the Contracting Officer or their designated Government Representative.
- b. **Mutual Understanding Meeting. Prior to commencing work:** The Contractor shall meet in conference with the Contracting Officer, and other necessary Government personnel to discuss and develop mutual understandings regarding administration of the Safety Program, methods and schedules, security, and any other subject necessary for a smooth and successful operation.
- c. **Environmental & Safety Compliance, General Awareness Training, and Regulatory Interface**

SPECIFICATION for  
Laser Alignment Tool  
Projects #789-832  
16 Jun 16

1. Contractors working at the PSNS & IMF are required to perform their work in compliance with all Federal, State, and local regulations pertaining to the environment at all times.
2. The contractor is responsible for complying with the safety regulatory notices or orders, including payment of any fines attributable to the contractor's conduct, regardless of whether or not the contractor is the name recipient of the notice, order, or fine.
3. The contractor is responsible to perform all duties and responsibilities for environmental and safety compliance set forth in this contract. The Contracting Officer can use failure to comply with the responsibilities for environmental and safety requirements as a basis for termination for default.
4. Failure to comply with or repeated violations of local, state, or Federal regulations can result in the violator(s) losing their access to PSNS & IMF or the operation being suspended until the Contractor can provide properly trained personnel. Certification of training shall be presented upon request by the Contracting Officer. The contractors (including its employees) loss of access to PSNS & IMF will not be considered by the Contracting Officer as a basis for an adjustment to the contract for additional costs incurred by the contractor.
5. The contractor shall be responsible for conducting routine inspections of the work and storage areas to maintain compliance with the cleanliness and safety requirements associated with this contract.

**d. Definitions – Technical:**

1. **Contractor.** The term Contractor refers to both the prime Contractor and subcontractors. The prime Contractor shall ensure that his/her subcontractors comply with the provisions of this contract

**II. HEALTH AND SAFETY**

**a. Personal Health and Safety**

Contractor work performed at PSNS & IMF is typically in an industrialized area and is subject to OSHA Standards. The contractor shall conduct all work in a safe manner and shall provide all necessary safety equipment.

The contractor shall make the maximum use of low-noise emission equipment as certified by the Environmental Protection Agency. Applicable regulatory requirements for maximum environmental noise levels are published in the Washington Administrative Code, WAC 173-60. The contractor shall provide hazardous noise signs and label equipment wherever work procedures and equipment produce sound-pressure levels greater than 84 dB(A) steady state and/or 140 dB peak sound pressure level for impact or impulse noise, regardless of the duration of the exposure.

**b. Compliance with OSHA**

Contractor's personnel shall perform all work in accordance with the most current OSHA rules and regulations issued by the Department of Labor, as applicable.

For all electrical equipment installation, the equipment and its component parts shall be in compliance with the applicable OSHA regulations in accordance with CFR Title 29, Chapter XVII, Part 1910 and installed in accordance with NEC/NFPA requirements. Approval shall be as specified under the "Approval" and "Acceptance" criteria in the OSHA regulations Subpart "O", Machinery and Machine Guarding paragraph 1910.212 and Subpart "S" Electrical, paragraph 1910.303 and paragraph 1910.399. After equipment delivery and installation, and prior to testing, the contractor shall provide an OSHA Compliance Report. Failure to provide this compliance report will delay acceptance of the equipment, and could result in rejection for failure to comply with the terms of the contract. This report documents the results of all tests performed, provides an assessment of the equipment performance for compliance

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16 Jun 16

with the contract requirements, and forms a basis for recommending a safety certification. The report, test and evaluation shall be a composite of those inspection requirements specified in the contract. The report shall be prepared in an orderly manner to clearly and accurately set forth the collected data and conclusion resulting from these inspection requirements, opinions and subjective conclusions shall be clearly identified. The report shall include, but is not limited to, the following:

- \* List of all tests performed and by whom witnessed.
- \* List of data used for evaluation.
- \* Tabulation of all discrepancies related to specification performance requirements.
- \* Description of limitations revealed by data utilized.
- \* Actions taken to mitigate each discrepancy and limitation.
- \* Recommendations for subsequent actions.
- \* Summary conclusions.
- \* Manufacturer Certification that equipment has been manufactured and installed in compliance with OSHA CFR 1910.399 (per definition of "acceptable").

The contractor shall ensure all hazardous material (e.g. hydraulic oil, lubricants, grease, ink, paint, etc.) that is delivered with the equipment, is properly labeled and a Material Safety Data Sheet (MSDS) for each hazardous material is provided, as outlined in OSHA paragraph 1910.1200. MSDS(s) shall be delivered to the Receiving Activity Point of Contract/Surveillance Officer (who will deliver the MSDS(s) to the appropriate Hazardous Material Coordinator for addition of the material to the shop Authorized Use List, and possibly have the material labeled (by the government) with a Hazardous Material barcode).

**c. PCB Certification**

Provide written certification from the manufacturer that any new equipment provided by this contract contains no detectable PCBs (less than two (2) parts per million (ppm)). The certification shall be on the manufacturer's letterhead and signed by a company official who is empowered to provide same. **PCB Label Plate** – A label plate containing the PCB Certification information shall be permanently affixed to the equipment in the vicinity of the manufacturer's identification plate. The certification label shall be engraved or etched on wear and corrosion resistant material.

**d. Safety Equipment**

During the performance of work under this contract, all contractor personnel shall have in their possession and shall properly wear OSHA approved personnel protective safety equipment (i.e. hard-hats, steel-toe safety shoes, safety glasses and hearing protection).

The Contractor shall provide all appropriate safety barricades, signs, and signal lights.

**e. Safety Inspections**

The contractor's workspace may be inspected periodically for compliance with OSHA Standards.

Abatement of violations will be the responsibility of the contractor and/or the Government as determined by the Contracting Officer.

The Contractor shall provide assistance to the Safety Office escort and the federal OSHA inspector if a complaint is filed. Fines levied on the Contractor by federal OSHA offices due to safety/health violations shall be paid promptly by the Contractor.

SPECIFICATION for  
Laser Alignment Tool  
Projects #789-832  
16 Jun 16

**f. Energy Control**

Prior to commencement of ashore work, the contractor shall provide their 29 CFR 1915.89 compliant program/procedures to the Government's Representative. The contractor is required to meet with the Government's Representative and all affected Lockout-Tags-Plus Coordinators to discuss and coordinate lockout/tags-plus interfacing and work requirements.

The contractor shall notify all employees working in the area that Hazardous Energy Control work will be performed.

Contractor personnel shall ensure Hazardous Energy Control training is current and complies with 29 CFR 1915.89.

Equipment provided by the contractor shall provide energy isolating devices (e.g. safety switches valves, etc.) to protect personnel from Hazardous energy. These energy isolating devices shall be designed and manufactured such that they can be locked to prevent inadvertent operation or unauthorized change. The contractor shall ensure all energy isolating devices installed or modified are capable of being locked. To include, but is not limited to, manual, mechanical and electrical devices.

Contractor personnel are required to know and understand all energy sources associated with their work, the means to control these sources of energy and to render the system inoperative before work can begin.

Government organizations representatives shall ensure adherence to the "Organizations that issues contracts" section located in OSHE Control Manual Chapter 250 Hazardous Energy Control.

Government representatives shall also make certain all contractors understand "Contractors and other Non-Shipyard Government Organizations Shall" section of the OSHE Control Manual Chapter 250 Hazardous Energy Control.

Contractor personnel are also required to know the Hazardous Energy Control policy that PSNS & IMF employees are working to.

**g. Audible Noise Levels**

The peak audible noise emitted by the equipment being installed by the contractor shall not exceed 84 decibels at the operators work position, nor at any other point at a distance of three feet from the equipment, as measured on the "A" weighed scale of a standard sound level meter under all operating and service conditions.

**h. Accident Reporting**

The contractor shall submit to the Contracting Officer, using the cognizant regulatory agencies prescribed forms, exposure data and all accidents resulting in death, trauma, or occupational disease. Accident reports shall be submitted within 24 hours of their occurrence.

The contractor shall submit to the Contracting Officer a full report of damage to Government property or equipment by Contractor employees. Damage reports shall be submitted within 24 hours of the occurrence.

**i. Emergency Medical Care**

Only emergency medical care is available in Government facilities to contractor employees who suffer on-the-job injury or disease. Care will be rendered at the rates in effect at the time of treatment. Reimbursement shall be made by the contractor to the Naval Regional Medical Center Collection Agent upon receipt of statement.

SPECIFICATION for  
Laser Alignment Tool

Projects #789-832

16 Jun 16

**j. Fire Protection**

The contractor and his employees shall know where the fire alarms are located and how to turn them on. The contractor shall handle and store all combustible supplies, materials, waste, and trash in a manner that prevents fire or hazards to persons, facilities, and materials. Contractor employees operating critical equipment shall be trained to properly respond during a fire alarm or fire.