



Power Industrial Trucks and Traffic Safety

A. Hazard

Power Industrial Trucks include all types of equipment such as forklifts, power propelled hand trucks, straddle trucks and tow tractors. It also includes personnel handling equipment such as aerial lifts, scissors lifts, bucket trucks, and other similar equipment that is used in many industries including shipbuilding. They provide a flexible work platform that can be used to place a worker at an elevated work site quickly and safely or assist in transporting heavy material. However, many hazards are created with the use of this equipment, including ejection or falling from the equipment, possible electrical hazards when working near electrical lines and equipment failure due to overloading.

B. Regulations & Requirements

1. Contractors shall comply with all OSHA, ANSI and NNS requirements pertaining to the operation of mobile equipment. This requires each employer to establish and implement a written compliance program to comply with:
 - a. 29 CFR 1910.178 or 1926.453 as applicable,
 - b. The manufactures instructions,
 - c. The best management practices of ANSI A92.5 and ANSI A92.6.
2. During the NNS pre-approval process each contractor whose employees will operate mobile equipment, must provide to the NNS Environmental, Health and Safety Department (O27), a copy of its written program through ISN. This document must describe the contractor's program for complying with each element of the applicable OSHA standard(s). The contractor shall provide a copy of any changes to the program on an annual basis, such as at the beginning of each year.
3. The written compliance program shall specifically address the following items, in addition to the items already discussed:
 - a. Each contractor owning and/or operating any power industrial truck at NNS or supporting off site work by Huntington Ingalls Industries-Newport News, shall ensure all operators and users of personnel handling equipment are authorized by their employer and meet applicable manufacture and OSHA requirements.
 - b. Texting or phone use is prohibited while operating any motor vehicle, mobile equipment or bicycle on shipyard property.
 - c. Personnel handling equipment includes aerial lifts, self-propelled scissor lift, manually-propelled scissor lifts and bucket trucks, and any other type of similar equipment used as a working platform or to position workers to include hoisting mechanisms.
 - d. Mobile equipment used for handling personnel on barges or scows without bumpers shall be securely lashed and used only in attaining proper elevation.
 - e. When it is necessary to drive a lift while on a barge, the platform shall be fully telescoped in and brought to its stowed position. An observer must be used to



ensure the travel path is clear of obstructions and debris while the lift is being driven. The observer must be in constant communication with the operator at all times.

- f. A boom or scissor lift will not be used for any purpose other than positioning working personnel, their tools, and equipment. Where no other means is available and access or exit is needed above ground from the platform (basket), all fall hazards must be eliminated by positioning the platform as close as possible (within 12 inches) to the transfer surface. Alternatively, fall arrest protection with two lanyards must be provided. In all cases an operator must remain at the basket controls at all times when someone has exited from an elevated basket to another surface.

NOTE: Best management practice at NNS requires a console cover to prevent obstacles from striking or interfering with the operating controls.

4. Contractors using mobile equipment such as forklifts shall:
 - a. Avoid parking within six (6) feet of any railroad track or within the yellow crane rail lines.
 - b. Follow all shipyard traffic regulations.
 - c. Wear a seat belt at all times when operating a forklift
 - d. Be aware of marked weight capacities posted on trench lid covers throughout the shipyard to avoid overloading.
5. When personnel or other moving equipment and vehicles are present, special precautions are required. Warnings such as, but not limited to flags, roped off areas, barrier tape, flashing lights, and barricades shall be used and maintained as appropriate.
 - a. The contractor shall also ensure that associated OSHA regulations such as fall protection are addressed either in this program or additional written programs.
 - b. NNS requires personnel handling equipment operators and passengers be tied off to the manufactures approved anchorage points.
 - c. Contractors shall not use Newport News Shipbuilding equipment unless stated in the contract or written memorandum of agreement. The NNS requestor shall obtain a letter of indemnity. In the event that a Contractor is authorized to operate NNS equipment, the Contractor shall use the Newport News ODCL. Any discrepant conditions, accident or incidents shall be reported immediately to the Contract Coordinator.

C. Traffic Safety

1. Drivers shall obey all roadway signs and signals.



2. Operators of vehicles must sound horn and pass on left when passing mobile equipment such as JLGs, forklifts, Scissor Lifts, etc.
3. Pedestrians shall use walkways and crosswalks, where available, even if a few extra steps are required. When walkways and crosswalks do not take you directly to your destination, use them to get as close to your destination as possible.
4. Running is prohibited on any NNS property or work site.
5. Vehicular traffic, including bicycles and mobile equipment shall not exceed 15 mph when on company property unless posted otherwise. There are four “10 mph” zones in the shipyard: B250-B256-50th Street Gate; B130-B127 North, OB1-OB2, and the roadway on the north side of Dry Dock 12 from B4651 – west end of the road.
6. Vehicular traffic, including bicycles, shall not operate and must remain immobile during “no-drive times”. Contact Contractor Coordinator for up-to-date schedule.
7. When leaving a motor vehicle unattended (i.e., when no one is in the motor vehicle and the motor is running) the driver shall put the gear selection into the “PARK” position and the parking brake shall be set. Manual transmissions will be put in the “NEUTRAL” position and the parking brake shall be set. The vehicle must be within sight or within 25 feet of the driver.
8. Anyone driving or riding in a Mule® or similar vehicle in the yard during their work shift, must do the following:
 - a. Ride only in the front of the vehicle and wear a properly adjusted seatbelt.
 - b. Keep body parts (hands and arms) inside the vehicle.
 - c. Wear hardhat, safety glasses, and safety shoes.