

DISCLAIMER: These Standard Operating Procedures (SOP's) are for the exclusive use of Navy Public Works Center (PWC) Norfolk. They are promulgated as guidance for their NAVFAC Commands. If intended to be used by other activities, they must be tailored to each activity's particular requirements and must be reviewed/approved by the activity's safety professionals prior to use.

SETTING UP BERTHS FOR SHORE POWER

Purpose:

PWC SOP for setting up berths for shore power on piers.

Potential Energy Sources:

Turtleback 480 volt.

Tools and PPE:

Leather work gloves, electrical safety shoes, hard hat, Nomex coveralls, face shield, voltmeter, 1000 volt insulated screwdriver.

References:

480 volt shore power breaker.

Procedure:

1. Check pier area for obstructions that may prevent the shore power set up. If obstacles are present inform the ship support office. Contact WC 623 work leader or foreman to inform of delay.
2. Follow SOP for breaker operation, check for proper light operation, and check for proper voltages with a voltmeter. (Phase to phase voltages should be approximately 460-475 volts. Phase to ground voltages should be approximately 200-300 volts.
3. If there are any breakers not operating properly, hang repair tags and turn in stubs to WC 623 foreman. If there are not enough breakers operating to support the ship inform WC 623 foreman or workleader before proceeding with the set up.
4. Follow SOP for boom or reel truck to put cable on pier.
5. Follow SOP for moving cable on piers to place cable in position.
6. Ensure cables are of proper length and visually appear to be arranged neatly and safely.
7. Ensure there are enough lockheed plugs at the turtleback.