



DEPARTMENT OF THE NAVY

NAVAL SUPPORT ACTIVITY

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 IN REPLY REFER TO
 ALMECHINST 11450.1A
 09M/MAV

OCT 6 2000

*Custom or
 Requirements*

ALMECH INSTRUCTION 11450.1A

From: Commanding Officer

Subj: **WEIGHT HANDLING EQUIPMENT AND ELEVATED CRANE
 TRACKAGE PROGRAM MANAGEMENT**

- Ref: (a) NAVFAC P-307
 (b) MIL-HDBK-1038
 (c) NAVFACINST 11200.33D
 (d) NAVFACINST 11230.1D
 (e) NAVSEA 0989-030-7000, Lifting Standards
 (f) NAVICPINST 11262.2A
 (g) OPNAVINST 5100.23D
 (h) NAVFACINST 11450.1
 (i) USACE EM385-1-1
 (j) SECNAVINST 11260.2

1. **Purpose.** To issue policy, define responsibilities, and provide procedures for the management of Weight Handling Equipment (WHE) and Elevated Crane Trackage (ECT) at the Naval Support Activity (NSA), Mechanicsburg in accordance with references (a) through (j). This instruction pertains to all WHE and related equipment (see reference (a), sections 13 and 14), and ECT to include all contractor and tenant WHE as defined in references (a), (d) and (i).

2. **Cancellation.** NAVICPINST 11450.1

3. **Background**

a. This instruction does not supersede or modify the referenced instructions, nor does it replace federal, state, or local regulations that pertain to WHE and ECT. As directed by references (a), (d), (f), (g), (h) and (j), this instruction complements a combination of Naval and Department of Defense instructions and federal requirements regulating the use of WHE and ECT systems which provide for safe and reliable equipment.

b. In accordance with references (a) and (b), the NSA Director, Facilities Department (09M2) is designated in writing by the NSA Commanding Officer and by each applicable (any

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activity that utilizes WHE or ECT) tenant activity's Commanding Officer, as the Facility WHE and ECT Certifying Officer. This Certifying Officer ensures compliance with all of the above listed references, and ensures the safety of all WHE and ECT. This includes associated management, maintenance, operations, and rigging programs, including tenant activity WHE programs, and all contractor WHE operations at NSA, Mechanicsburg.

4. **General.** The referenced instructions listed below form the **minimum** basic requirements necessary for the administration of NSA WHE and ECT Management Programs.

a. **NAVFAC P-307 - Management of Weight Handling Equipment.** Provides requirements for the maintenance, inspection, test, certification, repair, alteration, operation, and/or use of WHE, crane rigging gear and miscellaneous lifting equipment (section 14) under the technical cognizance of the Naval Facilities Engineering Command (NAVFAC). Activities covered include Navy shore activities, the Naval Construction Force (NCF), Naval Special Operating Units (SOU), and the Naval Construction Training Center (NCTC). These criteria represent minimum requirements for all applicable equipment. This publication meets or exceeds all applicable OSHA requirements for maintenance, inspection, testing, certification, repair, alteration, and operation of equipment covered therein. Additionally, this publication covers requirements for non-Navy owned cranes at Naval activities. This publication is available on the Navy Crane Center web page (<http://www.ncc.navfac.navy.mil/>) as a "zip", or "pdf" file.

b. **MIL-HDBK-1038, Department of Defense Handbook - Weight Handling Equipment.** Provides comprehensive descriptions of the predominant crane types in service at Navy shore facilities. It also outlines the design requirements and the pertinent engineering methodology for design evaluation of older and contemporary cranes so that the engineering organizations of using agencies may perform repairs and/or alterations to WHE. For alterations affecting stability or the condition of load bearing or load controlling parts and safety devices, the using agency shall consult with the Navy Crane Center, NORTHNAVFACENGCOM Code 09W for technical review and approval, prior to any accomplishment.

c. **NAVFACINST 11230.33D - Procedures for Conducting Weight Handling Equipment Audits, Validations, and Third Party Certifications.** Establishes requirements and auditing procedures for compliance and evaluation of the effectiveness of WHE programs at Naval shore activities. It also provides validation of activity certifications of WHE designated for Special Purpose Service (SPS); and third party certifications of WHE.

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d. **NAVFACINST 11230.1D - Inspection, Certification, and Audit of Crane and Railroad Trackage**. Provides procedures for inspection, certification, maintenance, management and audit of crane and railroad trackage, with additional requirements and tests for special purpose and hazardous load carrying trackage as specified in other documents.

e. **NAVSEA 0989-030-7000 - Lifting Standards**. Provides NAVSEA requirements for special purpose rigging, lifting and handling operations; and for the inspection, testing, operation and maintenance of Special Purpose Equipment (SPE).

f. **NAVICPINST 11262.2A - Requirement for Lifting & Handling Major Reactor Plant Components**. Provides local lifting and handling requirements for the NAVICP Code 009 mission.

g. **OPNAVINST 5100.23E - Navy Occupational Safety & Health (NAVOSH) Program Manual**. Identifies Navy policies, minimum requirements, and applicable standards for the safe use of all types of WHE and rigging equipment at Navy shore activities and shore-based commands. Additionally, this instruction provides procedures for the investigation and reporting of Naval Safety Center reportable accidents.

h. **NAVFACINST 11450.1 - Acquisition and Management of Weight Handling Equipment**. Establishes authority and assigns responsibility for the acquisition and management of WHE. Assigns the Navy Crane Center (NCC) at Northern Division, Naval Facilities Engineering Command as a Mandatory Center of Expertise (MCE).

i. **USACE EM385-1-1 - US Army Corps of Engineers - Safety & Health Requirements Manual**. Prescribes the safety and health requirements for all Corps of Engineers activities and operations. Implements safety and health standards and requirements contained in 29 CFR 1910, 29 CFR 1926, 29 CFR 1960, 30 CFR 56, Executive Order 12196, DODI 6055.1, AR 40-5, AR 385-10, AR 385-11, and AR 385-40. Where more stringent safety and occupational health standards are set forth in these requirements and regulations, the more stringent standards shall apply. This publication is available on the U. S. Army Corps of Engineer's web page at: <http://www.usace.army.mil/inet/information/usace-docs/eng-manuals/em385-1-1/toc.htm>.

j. **SECNAVINST 11260.2 - Navy Weight Handling Program for Shore Activities**. Assigns overall Navy-wide management responsibility for shore-based WHE to COMNAVFACENGCOM and authorizes the establishment of a Navy Crane Center (NCC) of Expertise. The Director, NCC has direct access to the Chief of Naval Operations and the Assistant Secretary of the Navy (I&E) on matters involving the safe and reliable operation of Navy WHE.

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5. **Naval Support Activity Policies.** In accordance with references (g) and (i), the following base wide policies reflect a COMNAVFACENGCOM requirement for systems commands, major claimants, and host activity commanding officers to develop and maintain WHE programs in accordance with the policies and directives issued by the Navy Crane Center. All NSA Mechanicsburg tenant activities shall incorporate these policies, as applicable, in their operating instructions.

a. **Cranes and Related Handling Equipment.** All activities, commands and organizations located on the NSA compound that have WHE (cranes) and/or related WHE (rigging gear, hoists, lifting devices, etc.) as described in reference (a), shall establish a written program or procure program services in accordance with this written instruction. Such equipment will be maintained in accordance with references (a), (b), (d), (e) and (i). This service is available from the PWC Philadelphia Detachment, Mechanicsburg site and from commercial sources. While non-Navy activities, commands or organizations may not choose to certify their equipment in accordance with reference (a) requirements, they must certify, as a minimum, their equipment and operations in accordance with the following:

- section 1.7.2 of reference (a)
- reference (b) guidelines
- reference (i) requirements
- and all regulations contained in the Code of Federal Regulations, Title 29, Subpart B, Chapter XVII, Part 1910, and applicable portions of Part 1926, including all U.S. Department of Labor Interpretations.

All activities, commands and organizations, shall notify NSA Code 09M2 of their certifier, copies of all applicable certificates and reports, and their command's point-of-contact (WHE Program Manager's name, code, phone number).

b. **Contractor Operated Cranes.** All activities, commands and organizations located on the NSA compound having contracting authority shall incorporate the Navy-wide policy detailed in section 1.7.2 of reference (a) in all contracts, statements of work and purchase orders. Each activity, command and organization is responsible for the management and policing of their respective programs, and shall develop an instruction to administer contractor-operated cranes. A copy must be forwarded to NSA Code 09M2 with their command's official point-of-contact.

c. **Weight Handling Equipment Audits.** All activities, commands and organizations at NSA that have WHE programs are subject to WHE program audits and equipment and operations

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safety inspections in accordance with references (a), (c), (d), (g), (h), (i), and (j), by either NSA representatives, Naval Facilities Engineering Command Center representatives, Department of Defense representatives, or other federal regulators.

d. **Weight Handling Equipment Accident Reporting and Investigation**. In accordance with references (a), (d), (g) and (i), all WHE accidents, as defined in reference (a), section 12, shall be reported to the activity WHE Program Manager and NSA Mechanicsburg Public Safety Department for investigation and reporting.

e. **Weight Handling Equipment Operator Training & Licensing Program**. All WHE operators located on the NSA compound shall be licensed or certified in accordance with reference (a), sections 1, 7, 6, 7, 8, 9, and 10 as applicable. The base-wide Navy Licensing Program is managed by the PWC Detachment Transportation Division with oversight by representatives from the NSA Facilities Director & WHE Certifying Officer.

6. **Instructions**. Instructions can be obtained from the Defense Printing Service at the following: DODSSP Website: <http://www.dodssp.daps.mil/>.

7. **Maintenance Responsibility**. The NSA Facilities Officer is responsible for the maintenance of this directive.



D. A. HIGGINS

Distribution:
All Mechanicsburg Tenant Activities
09M (2 copies)
09M2
PWC (M09)
PWC (M300)
PWC (M700)