

PRIVACY ACT STATEMENT 個人情報保護について

AUTHORITY: Executive Order 10450, 9397; and Japan Law Concerning Protection of Personal Information (Law No. 57 of 2003).

法令: 米国行政命令 10450, 9397 ; 及び 日本法・個人情報の保護に関する法律 (平成 15 年法律第五十七号)

PRINCIPAL PURPOSES: To record Personal Information for the purposes of executing the business operations of the U.S. Forces, Japan and protection of human life, safety and property, NOTE: Records will be securely maintained in either an electronic or paper form.

主目的: 人間の生命、安全、財産の保護と在日米軍の業務の遂行を目的として、個人情報を記録する為。

注記: 記録は電子書式、もしくは書面にて厳重に保管されます。

ROUTINE USES: To maintain Personal Data accurately with the most up-to-date content to the extent necessary to achieve the stated Principal Purposes.

利用目的: 主目的の達成に必要な、最新で正確な個人情報を維持する為。

DISCLOSURE: Disclosure of this information is voluntary; however, failure to provide the requested information may impede, delay or prevent further processing of administrative actions.

情報開示: 個人情報の開示は任意ですが、要求された情報を提供しなかった場合、その後の手続きの妨げ、遅れ、あるいは中断となる事があります。

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TASK LIST FOR ENGINEERING TECHNICIAN (ELECTRICAL) 1-7

General: This is a full-performance level engineering technician position that performs technician type electrical engineering work. The incumbent reports directly to the Lifting and Handling Technical Division Head and is responsible for work involving the repair, maintenance, testing, and inspection of weight handling equipment in support of other technicians and engineers within the Technical Division.

Duties and Responsibilities:

1. Maintenance Manual

Interprets Navy Crane Center Directive and develops technical instructions to enhance safety and to promote improved crane maintenance and inspection such as Emergency Brake Test Procedure, Emergency Back up Power Supply Procedures for Portal Cranes using manuals, technical bulletins and professional experiences. Evaluation tools include knowledge of engineering materials and sciences, electronics, electrical theory, software programming, and ability in mathematics. OEM manuals are maintained up-to-date when equipment is affected by NAVFAC P-307 crane alterations.

2. Equipment Procurement

Develops scope of work and reviews Code 730 cost estimations. Reviews crane designs against Navy Crane Center safety advisories and equipment deficiency memorandums that are electrical in scope. Regularly confers with code 730, Shop 72, and Code 720 Division Heads to monitor equipment inventory for optimization. Makes equipment based recommendations to Shop Head, Foremen, and Group Masters based on inventory assessments.

Performs in-depth analysis of contractor's proposal submission and reviews scope growth, bid proposals, price determinations, performance period, independent government estimates, and procurement specifications for electrical project procurements. Routinely performs market analysis and surveys to assess latest lifting and handling technologies on the market.

Performs inventory reviews and consults with Shop Heads, Group Masters, and Foremen on crane needs.

3. Equipment Installations

Performs calculations to assess the integrity of various crane components. When alterations of crane components are required, performs on-site evaluation; review drawings, references, manuals and engineering standards; applies engineering judgment; modifies standard guidelines to improve capability and durability of crane components; and recommends most appropriate material type, design and method of installation including dimensional analysis, CAD drawings, specification writing, and mathematical resultants. Fully develops crane alterations and makes proposal for approval from Navy Crane Center. Reviews contractor submittals and makes recommendations for design improvements.

Coordinates equipment installations and assumes lead role on projects with varied degrees of difficulty. Coordination efforts often require contact with external commands (e.g. NAVFAC, JED, FISC, NCC, etc.) and contractors.

4. Problem Solving

Investigates, analyzes reasons for the failure of crane component and recommends the best solution from several alternative approach by applying a wide range of expert technical knowledge gained through trainings and experience, and standard industrial specifications (e.g. NEC, OSHA, JIS, JCA, P307, etc.) to troubleshoot and often requires modifying, adapting and making compromises to determine solutions for crane deficiencies.. Problems are broad in nature, range of difficulty, and often require external command (e.g. NAVFAC, JED, FISC, NCC, etc.) support. Incumbent works independently to resolve problems and coordinates repairs with contractors. Problems are complex in nature and require expert engineering judgment and diverse problem solving approaches by exploring and adapting workable technical solutions to meet the requirements for unusual or non-conforming conditions associated with crane components. Examples include such works as analyzing, evaluating and adjusting programmable parameter settings of inverter controlled crane systems or microprocessor controlled crane system for failure research and consideration of best treatment from several alternative solutions to problems from expert technical standpoint; analyzing, adjusting Programmed Logic Controller (PLC) units for diagnosis on error codes and judgment of failure cause, and seeking resolution by adapting substantial standardized technical documents and equipment criteria; and controlling and maintaining the Radio Frequency for Code 700 by independently seeking resolution to avoid conflict with other codes or commands by application of in-depth knowledge of CFAY and Japan Radio Frequency Laws.

Provides optimized evaluations of cranes based on technical and economic factors.

Performs other related or incidental duties as assigned.