ARMY POSITION DESCRIPTION

PD#: AD449590	**Sequence#:** 4373666	**Replaces PD#:**

GENERAL ENGINEER

NH-0801-02

POSITION LOCATION:

Servicing CPAC: ARMY ACQUISITION WORKFORCE RECRUITMENT & SUSTAINMENT CTR

Agency: ARMY

Installation: ADAEW6DPAA9FG
PEO, IEW&S
PROJ MGR, POSITION NAV & TIMING (PNT)
OFFICE OF THE PROJECT MGR (9FG)

ABERDEEN PROVING GROUND
APG, MD 21005

Army Command: AE

Region: NORTHEAST

Command Code: AE
US ARMY ACQUISITION
SUPPORT CENTER

POSITION CLASSIFICATION STANDARDS USED IN CLASSIFYING/GRADING POSITION:

Citation 1: OPM JFS PROF WORK ENG & ARCHITECTURE GROUP, NOV 2008

Citation 2: FEDERAL REGISTER/VOL. 82, NO. 216/THURSDAY, NOVEMBER 9, 2017/NOTICES

Citation 3: ACQUISITION DEMO POSITION REQUIREMENTS DOCUMENT

Supervisory Certification: *I certify that this is an accurate statement of the major duties and responsibilities of this position and its organizational relationships, and that the position is necessary to carry out Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory purposes relating to appointment and payment of public funds, and that false or misleading statements may constitute violations of such statutes or their implementing regulations.*

Supervisor's Name: JOSEPH T. STEVANAK   **Date Certified:** 10/25/2022

Classification Review: *This position has been classified/graded as required by Title 5, U.S. Code in conformance with standard published by the U.S. Office of Personnel Management or if no published standards apply directly, consistently with the most applicable published standards.*

Classified By: LINDA SHOAF   **Date Classified:** 06/02/2015

Position Cursory Review: *This position description (PD) has been reviewed and it is determined that: the major duties equal 100%; the statement Performs other duties as assigned (PODAA) is present; where applicable, the factors, levels, and points are identified directly under PODAA, add*

up correctly, and the Point Range for the grade is present; and, the Conditions of Employment are located in the Conditions of Employment & Notes section, and if required, Temporary Duty Travel (TDY) of 25% or more (may be less if requested by management), is included. The PD is in the format of the classification standard of record, and the standard(s) is/are cited properly, and the title/series/grade are properly determined based on the standard. The FLSA is correct and when it is determined that the position is Exempt, a complete explanation is provided, and all outdated/obsolete forms are removed. (All position descriptions require a cursory review upon initial verification in FASCLASS and may be reviewed again every 3 years thereafter, or before if OPM issues a new classification standard or guide).

Reviewed By: MATTHEW ALLEN   **Date Reviewed:** 05/13/2022

POSITION INFORMATION:

Cyber Workforce:
  - **Primary Work Role:**
  - **Additional Work Role 1:**
  - **Additional Work Role 2:**

FLSA: NON-EXEMPT

FLSA Worksheet: NON EXEMPT

FLSA Appeal: NO

Bus Code: 8888

Functional Code: 13

Interdisciplinary: NO

Supervisor Status: Non-Supervisory

PD Status: VERIFIED

DCA Override: NO

CONDITION OF EMPLOYMENT:

Drug Test Required: POSN NOT REQ DRUG TEST

Financial Mgmt Cert:

Position Designation: Tier 3 – Noncritical-Sensitive, Moderate Risk

Position Sensitivity & Risk: Noncritical-Sensitive (NCS)/Moderate Risk

Sec. Clearance Level: Secret. Executive Order 13526

Sec. Access (Child Care): Not Required

PRP / SCI: Not Required

Emergency Essential: No [N: Position Not Designated Emergency-Essential Or Key]

Requires Access to Firearms: NO

Information Assurance: N

Influenza Vaccination:

Financial Disclosure: N/A

Enterprise Position:

SCW Code:

Acquisition Position:
  - **CAP:** NO
  - **Career Category:** ENGINEERING AND TECHNICAL MANAGEMENT
  - **Career Level:** FOUNDATIONAL LEVEL I

POSITION ASSIGNMENT:

Competitive Area: XA

Competitive Level: 0005

Career Program: 16

Career Ladder PD: YES

Target Grade/FPL: 03

Career Pos 1: AD449590 NH-0801-02

Career Pos 2: AD432508 NH-0801-03

Career Pos 3:

Career Pos 4:

Career Pos 5:

Career Pos 6:

MISSION/GOALS:

Program Executive Office Intelligence, Electronic Warfare and Sensors (PEO IEW&S) delivers capability now through affordable and adaptable programs that pace the threat.

POSITION DUTIES:

Serves as a developmental General Engineer utilizing on-the-job training in analytical techniques and engineering methods. Performs a variety of assignments which are sub-tasks of larger, broader assignments led by a senior engineer/analyst. The assignments will require a professional knowledge of basic principles, theories, and methods with respect to mathematics, statistics, logic, econometrics, computers, modeling and simulation, and, first and foremost, competence in basic engineering techniques.

Major Duties:

1. Assignments may initially involve the narrow application of subject-matter engineering methods leading eventually to analytical assignments of a broader nature, thus allowing the engineer to progress towards higher level working and task management skills. Using engineering principles, practices, techniques, judgment, and originality, the engineer will apply knowledge related to various engineering disciplines (e.g., industrial, mechanical, electrical) to address unique engineering problems which, at times, can be controversial. The engineer will, with the guidance of the senior engineer/analyst, take appropriate action regarding the planning and execution of the work to accomplish the analytical objectives. The engineer will evaluate, manage, and coordinate project initiatives while conferring with the senior engineer/analyst regarding the overall planning and implementation of project strategies. The engineer's supervisor and/or team lead will describe the overall analytical objectives and provide guidance concerning how to accomplish the project and the identification of potential problem areas. The engineer will organize the work to accomplish these tasks, and is responsible for determining the overall study criteria, along with the senior engineer/analyst, and notifying the team lead of any limitations discovered during the course of the project. The engineer will establish engineering and mathematical relationships to address the analytical objectives and develop approximations for project input. The engineer reports their progress on a routine basis, on significant milestones, and any difficulties encountered. Supervisory guidance will be sought when established policies and procedures are inadequate. Completed work will be reviewed by the senior engineer/analyst for technical adequacy, timeliness, accomplishment of technical objectives, and the overall validity/soundness of the work performed. (50%)

2. The engineer is responsible for utilizing good judgment and background details in the conduct of their assignment. In the process of conducting such analyses, they will utilize appropriate methodologies, techniques, tools, modeling and simulation, and assumptions as applicable. The engineer will establish project contacts and working relationships, analyze data, write supporting documentation in a clear and concise form (e.g., technical report, white paper), and create and present the analytical findings after being vetted through the senior engineer/analyst. The engineer will receive general technical and administrative supervision from their supervisor and/or team lead related to the effort's objectives and scope. The engineer will plan methods of approach for their assigned projects. Projects will, in general, increase in difficulty as the engineer's experience progresses. Assigned tasks will be carried out through to completion and in a timely manner. Work will be reviewed by the senior engineer/analyst, team lead, and supervisory chain for sufficiency and thoroughness in satisfying the stated objectives, overall accuracy of work, and clarity of results. (50%)

Performs other duties as assigned.

Knowledge, Skills, and Abilities (KSAs):

1. Knowledge of related engineering fields such as mechanical, electronics, electrical, software, materials, optical and industrial engineering, to address technical problems within these specialties and to determine adequacy of recommendations.

2. Ability to understand user requirements versus other considerations such as technical feasibility cost standardization, etc., to determine whether proposed solutions are adequate for problems identified.

3. Knowledge of program management and system engineering techniques and practices in order to determine, establish and monitor schedules, milestones, costs and benefits from the development cycle through production, operation and disposal.

<u>Factors:</u>

CAREER PATH: BUSINESS MANAGEMENT and TECHNICAL MANAGEMENT PROFESSIONAL NH-II

FACTOR: 1. JOB ACHIEVEMENT AND/OR INNOVATION

Classification Level Descriptors
NH Level II (Score Range 22 - 66)

• Actively contributes as a team member/leader; provides insight and recommends changes or solutions to problems.
• Identifies and pursues individual/team development opportunities. Achieves and maintains qualification and certification requirements.
• Proactively guides, coordinates, and consults with others to accomplish projects, assuming ownership of personal processes and products.
• Identifies, analyzes, and resolves complex/difficult problems.
• Adapts existing plans and techniques to accomplish complex projects/programs. Recommends improvements to the design or operation of systems, equipment, or processes.
• Plans and conducts functional technical activities for projects/programs.

FACTOR: 2. COMMUNICATION AND/OR TEAMWORK

Classification Level Descriptors
NH Level II (Score Range 22 – 66)

• Presents informational briefings.
• Writes, or is a major contributor to, management/technical reports or contractual documents.
• Uses varied approaches to resolve or collaborate on projects/programs issues. Facilitates cooperative interactions with others.
• Guides/supports others in executing team assignments. Proactively functions as an integral part of the team.

FACTOR: 3. MISSION SUPPORT

Classification Level Descriptors
NH Level II (Score Range 22 – 66)

• Identifies and resolves conventional problems which may require deviations from accepted policies or instructions.
• Initiates meetings and interactions with customers to understand customer needs/expectations.
• Optimizes resources to accomplish projects/programs within established schedules.
• Effectively accomplishes projects'/programs' goals within established resource guidelines.

Fair Labor Standards Act (FLSA) Determination = (NON EXEMPT)

☐ **1. Availability Pay Exemption -** (e.g., Criminal Investigators, U.S. Customs and Border Protection pilots who are also Law Enforcement Officers).

☐ **2. Foreign Exemption -** (Note: Puerto Rico and certain other locations do not qualify for this exemption – See 5 CFR 551.104 for a list of Nonexempt areas.)

☐ **3. Executive Exemption:**

    ☐ a. Exercises appropriate management responsibility (primary duty) over a recognized organizational unit with a continuing function, AND

    ☐ b. Customarily and regularly directs 2 or more employees, AND

    ☐ c. Has the authority to make or recommend hiring, firing, or other status-change decisions, when such recommendations have particular weight.

    Note: Shared supervision or "matrix management" responsibility for a project team does not meet the above criteria. Limited "assistant manager" functions or "acting in the absence" of the manager does not meet the above criteria.

☐ **4. Professional Exemption:**

    ☐ a. Professional work (primary duty)

    ☐ b. Learned Professional, (See 5 CFR, 551.208) (Registered Nurses, Dental Hygienists, Physician's Assistants, Medical Technologists, Teachers, Attorneys,

Physicians, Dentists, Podiatrists, Optometrists, Engineers, Architects, and Accountants at the independent level as just some of the typical examples of exempt professionals). Or

☐ c. Creative Professional, ([See 5 CFR, 551.209](#)) (The primary duty requires invention and originality in a recognized artistic field (music, writing, etc.) and does not typically include newspapers or other media or work subject to control by the organization are just some examples of Creative Professionals). Or

☐ d. Computer Employee, ([See 5 CFR, 551.210](#)) (must meet salary test and perform such duties as system analysis, program/system design, or program/system testing, documentation, and modification). Computer manufacture or repair is excluded (non-exempt work).

☐ **5. Administrative Exemption:**

☐ a. Primary duty consistent with [5 CFR 551](#)(e.g.; non-manual work directly related to the management or general business operations of the employer or its customers), AND job duties require exercise of discretion & independent judgment.

◉ **FLSA Conclusion:**

☐ **Exempt**

☑ **Non Exempt**

FLSA Comments/Explanations:

This is a developmental position with close supervision and limited independence. Major duties do not require significant decisions or recommendations that deviate from established precedents or practices.

CONDITIONS OF EMPLOYMENT & NOTES:

This position requires temporary duty (TDY) travel up to 25% of the time.

- **This is a Defense Acquisition Workforce (AWF) position. The employee must meet the DoDI 5000.66 requirements applicable to the Career Category/Functional Area and the Career Level Certification assigned on the sequenced position Conditions of Employment data fields in the header of the PD/PRD.**
- **Foundational Career Level Certification or Contracting Professional Certification must be met within 3 years.**
- **Practitioner Career Level Certification must be met within 5 years.**
- **Advanced Career Level Certification must be met within 4 years.**

POSITION EVALUATION:

Master Comp Level: 0CL5

13 MAY 2022- Pen and ink changes made per RF ticket #1069075 are (1) updated CoE verbiage (3) updated references (4) updated the Supervisor's information and review date.. The pen and ink changes did not affect the title, series, or broadband level MMA