

GENERAL SERVICES ADMINISTRATION

FEDERAL SUPPLY SERVICE

AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage! is www.gsadvantage.gov.

MULTIPLE AWARD SCHEDULE, SIN 561210FAC



Contract Holder
Contract 47QSHA20D0029

Contract Number: 47QSHA20D0029
Period Covered by Contract: March 13, 2020 – March 12, 2025

For more information on ordering from Federal Supply Schedules, click on the FSS Schedules button at www.fss.gsa.gov



INTERNATIONAL

IDS International Government Services LLC
2500 Wilson Boulevard, Suite 200
Arlington, VA 22201
(703) 875-2212 (P), (703) 564-9154 (F)
www.idsinternational.com

Contract Administrator: Kimberly Crooker, kcrooker@idsinternational.com

Size Status: Small Business

1a. Awarded Special Item Numbers (SINs):

2500 Wilson Blvd, Suite 200, Arlington, VA 22201
Telephone: 703-875-2212 Fax: 703-564-9154 www.idsinternational.com



Special Item Number	Special Item Description	Description Page	Awarded Price Page
561210FAC	Complete Facilities Maintenance and Management	Pages 5-32	Pages 33-36

1b. Identification of the Lowest Priced Model Number and Price for Each SIN: See pages 33-36

1c. Job Descriptions that Coincide with Hourly Rate: See pages 5-32

2. Maximum Order: \$1,000,000

3. Minimum Order: \$100

4. Geographic Coverage: Domestic and Overseas

5. Point(s) of Production: Same as company address

6. Discount from List Prices or Statement of Net Prices: Government net prices

7. Quantity Discount(s): None

8. Prompt Payment Terms: Net 30 days

9a. Government Purchase Cards Accepted at or Below the Micro-Purchase Threshold: Yes

9b. Government Purchase Cards Accepted Above the Micro-Purchase Threshold: will accept

10. Foreign Items: None

11a. Time of Delivery: Specified on the Task Order

11b. Expedited Delivery: Contact Contractor

11c. Overnight and 2-Day Delivery: Contact Contractor

11d. Urgent Requirements: Contact Contractor

12. F.O.B Point(s): Destination

13a. Ordering Address: IDS International Government Services LLC
2500 Wilson Boulevard, Suite 200
Arlington, VA 22201
(703) 875-2212



13b. Ordering Procedures: For supplier and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules)

14. Payment Address: IDS International Government Services LLC
2500 Wilson Boulevard, Suite 200
Arlington, VA 22201
(703) 875-2212

15. Warranty Provisions: 60 days on services performed

16. Export Packing Charges: N/A

17. Terms and Conditions of Government Purchase Card Acceptance: Any thresholds above the micro-purchase level

18. Terms and Conditions of Rental, Maintenance and Repair: N/A

19. Terms and Conditions of Installation: N/A

20a. Terms and Conditions of Repair Parts Indicating Date of Parts Price List and Any Discounts from List Prices: N/A

20b. Terms and Conditions of Any Other Services: N/A

21. List of Service and Distribution Points: N/A

22. List of Participating Dealers: N/A

23. Preventive Maintenance: N/A

24a. Environmental Attributes: N/A

24b. Section 508 compliance: Yes

25. Data Universal Numbering System (DUNS) Number: 790046978

26. Notification Regarding Registration in System for Award Management (SAM) Database: Active



ABOUT IDS

Since 2006, IDS International Government Services LLC (IDS) has offered Deployment Logistics Services that are focused on providing proactive solutions which will reduce, and in some cases prevent, issues that affect service in the most challenging deployment applications. We employ logistics professionals whom are able to support deploying communications and logistics systems to permit rapid deployment and management of supplies and equipment using both regional and global resources.

In addition, IDS provides tailored classroom instruction that effectively builds the capacity of trainees and their ability to successfully apply what they have learned. IDS staffs each training contract with skilled instructors who bring relevant experience and capabilities. We have delivered training in diverse locations—from supporting over 800 major military training activities at military Combat Training Centers (CTCs) within the U.S. to training thousands of local nationals in austere environments to help establish and build local capacity. Our program managers, subject-matter experts (SMEs), and instructors plan, create, and execute training course curriculums, course evaluations, and instruction. We provide instructor-led lectures, seminars, on-the-job training, and also create on-line course content for use in learning management systems. Post-training evaluations ensure that students understand and retain knowledge taught in the courses. Through these activities, we have developed the necessary capabilities and expertise to meet the needs of GSA Professional Services Schedule customers.

DEPLOYMENT LOGISTICS SERVICES

IDS offers a Deployment Logistics Services capability that supports operational readiness and sustainment worldwide. We provide extensive first-hand experience and proven methodologies to implement cost efficient and effective engineering, logistics, base operations support, and construction services. Our highly skilled staff is comprised of logistics experts, experienced in contingency planning; identifying/utilizing regional or global resources; integrating public/private sector resources; inventory/property planning, movement, storage; end-to-end industrial relocation/expansion services, including project/asset/construction management; space planning and project integration and implementation; pre-positioning assets, facilitating customs processing/accountability; and deploying communications and logistics systems to permit rapid deployment and management of supplies and equipment.

LOGISTICS TRAINING SERVICES

IDS's Logistics Training Services provide customers with trained and equipped supply chain and warehouse clerks, logisticians, contracts professionals, and quality assurance technicians, as well as repair and maintenance technicians capable of managing and maintaining critical infrastructure and facilities at peak efficiencies. Training on value-chain operating procedures includes supply chain management for all supplies, fuels, lubricants, chemicals, etc. needed to perform O&M functions as well as instruction on proper transport, distribution, and warehousing of such supplies. Training addresses every aspect of the day-to-day activities needed to ensure buildings and installed systems perform their intended functions, including operating schedule development that provides for normal checks, as well as service and maintenance performed before, during, and after operation in accordance with manufacturer recommendations.

TRAINING

IDS is one of the U.S. military's leading training partners in interagency and whole-of-government approaches to disaster response, humanitarian assistance and protection, stability operations and reconstruction. Our curriculum is informed by the collective experience of our seasoned trainers -professionals who possess recent Department of Defense (DOD) Department of State (DOS), US Agency of International Development (USAID), Central Intelligence Agency (CIA), U.S. military, United Nations (UN), non-governmental (NGOs), or other experience in conflict or disaster zones. IDS' trainers provide support to and mentor military and civilian leaders and their staffs on interagency principles, capabilities, and objectives. Our personnel contribute to training doctrine development and shape the content of exercises such as the Decision Action Training Environment (DATE) scenario. Furthermore, IDS provides Special Operations Forces (SOF) training to our nation's most elite warfighters, such as Special Forces (SF), Civil Affairs (CA), Psychological Operations (PSYOP), and Rangers. Our SMEs are veteran soldiers whose backgrounds include the requisite SF, CA, PSYOP, CIA, JSOC, and military intelligence experience necessary to bring strategic aspects and expertise to SOF training.

CYBER & SOCIAL MEDIA TRAINING

IDS Social Media SMEs and Digital Teams build and manage websites, blogs, and social media, networks, trends, and posts that replicate an immersive real-world Internet at the Brigade Combat Team (BCT) and Combined Joint Task Force (CJTF) levels. Our SMEs provide highly specialized and operationally relevant digital simulations of operating within the complex, non-traditional capabilities and requirements of the digital domain. Our teams are responsible for building content, managing curriculums, and developing scenarios and scripts for digital engagement at the BCT, ARCYBER, and Special Operations Task Force (SOTF) levels. We build and manage a robust custom environment of real-time Decisive Action (DA) injects, websites, bios, cyber TTPs, tweets, pictures, videos, propaganda, and digital network traffic. These include replications of regional hostile groups, "host"-nation governments, political activities and parties, interest blogs, international news, Internet radio, the U.S. State Department, USAID, and International Organizations and NGOs. Through these exercises, IDS prepares our nation's military with multi-domain training and knowledge.

Labor Category Descriptions

#	Position Title	Functional Responsibilities	Min Educ Req	Min Years of Exp
1	Program Director	Responsible for the financial, applicable technology, and schedule performance of assigned programs within cost limitations and established standards. Position may coordinate proposal preparation, statements of work and specifications, estimation of product/service costs, negotiation and administration of contracts. Establishes milestones and monitors adherence to program master plans and schedules. Develops control systems and reports that accurately measure progress, identify potential problems in sufficient time for corrective action to be taken, and ensures the meeting of company's contract commitments. Position directs the performance of program functional task elements such as procurement, quality control, logistics, and administrative functions. Acts as primary customer contact on status and performance and anticipates and fulfills customer needs to ensure their satisfaction and continued business. Determines and establishes organizational structures and supervisory relationships, subject to top management approval. Responsible for the successful operation of activities of major significance to the organization.	BA/BS in related field	16
2	Manager I	Coordinates scheduling, administers personnel actions, and leads the completion of all other duties required by the customer. Leads a team of subject matter experts tasked to prepare and develop products and plans which will facilitate interoperability, integration, and interdependence during the training exercise scenario and other specialized exercises as required. Plans, coordinates, integrates, synchronizes, and prepares grammatically and doctrinally correct operations and exercise control products. Supports the integration of essential training requirements with customer exercise initiatives and activities. Assists technical writers with scripting training scenarios and training exercises using current, evolving doctrine and customer best practices.	BA/BS in related field	6
3	Team Lead II	Coordinates scheduling, administers personnel actions, and leads the completion of all other duties as necessary. Assists in the analysis of the training audience and customer in order to provide relevant and doctrinally correct After Action Review (AAR) information. Tracks, monitors, collects, and analyzes data from a range of multimedia sources to include voice, messaging, pictures, and videos. Conducts daily briefings and provide	BA/BS in related field	4

		analysis as needed to military leadership, contract supervisors and other civilian personnel. Provides production and administrative support for training and classes. Participates in events that support and facilitate training at the customer site such as initial planning conferences, leader training programs and pre-deployment site surveys. Manages scheduling of personal time and unit resources. Coordinates multiple operations simultaneously, and synchronize people, resources and workspace balanced between subcontractor and customer.		
4	Sr. Contracts Negotiator	Handles routine or standard form contract agreements and related documentation in accordance with established contract policies and procedures. Reviews modifications, extensions, and contract closeout documents. Prepares and distributes reports and statistical data to facilitate planning and maintenance of accurate contract records and files. Performs preparation of contractual provisions and the administration of contract proposals. Responsible for preparing bids and negotiating specifications and contractual provisions. Is familiar with standard concepts, practices, and procedures within a particular field, and relies on experience and judgment to plan and accomplish goals.	BA/BS in related field	6
5	Contracts Administrator	Handles routine or standard form contract agreements and related documentation in accordance with established contract policies and procedures. Reviews modifications, extensions, and contract closeout documents. Prepares and distributes reports and statistical data to facilitate planning and maintenance of accurate contract records and files. Performs preparation of contractual provisions and the administration of contract proposals. Responsible for preparing bids and negotiating specifications and contractual provisions. Is familiar with standard concepts, practices, and procedures within a particular field, and relies on experience and judgment to plan and accomplish goals.	BA/BS in related field	0
6	Sr. Logistics Specialist II	Experience in one or more of the following areas: planning, acquisition, design, development, testing, production, fielding, management, operation, maintenance, sustainment, improvement, modification and disposal; Training in system operations, automated tools for supply and value chain management, property and inventory management, distribution and transportation management, and maintenance of equipment and facilities supporting these activities; Planning, designing, managing, operating and maintaining reliable and efficient systems, equipment, facilities and logistics infrastructures to improve equipment and logistics performance, and reduce life cycle costs. Responsible for the formulation, development and/or implementation of solutions to complex and/or specialized problems in response to customer requirements. Performs planning for the acquisition and management of logistics system; provides expert advice, assistance, guidance, management; provides operational support services; and provides logistics training.	BA/BS in related field	6
7	Logistics Specialist I	Supports managers in the performance of logistics technical analyses. This includes the review of logistics policy and guidance, development of logistics support plans, and providing input to other acquisition milestone documentation. Provides support and logistics expertise to logistics strategic planning efforts, business process reengineering efforts, and various financial analyses. Assist in the conduct of specific technical analyses such as capacity planning, warehousing analyses, and transportation analysis. Assists in the conduct of system	BA/BS in related field	0

		design alternatives analysis and other logistics analyses. Assists in the development and implementation of logistics training by assisting with curriculum development and oversight of logistics training programs.		
8	Computer Systems Analyst I	The Computer Systems Analyst analyzes business or scientific problems for resolution through electronic data processing, gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. This Worker develops complete specifications or enables other Computer Programmers to prepare required programs and analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Computer Systems Analyst may also write the computer programs.	None	0
9	Computer Systems Analyst II	The Computer Systems Analyst analyzes business or scientific problems for resolution through electronic data processing, gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. This Worker develops complete specifications or enables other Computer Programmers to prepare required programs and analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Computer Systems Analyst may also write the computer programs.	None	3
10	Computer Systems Analyst III	The Computer Systems Analyst analyzes business or scientific problems for resolution through electronic data processing, gathers information from users, defines work problems, and, if feasible, designs a system of computer programs and procedures to resolve the problems. This Worker develops complete specifications or enables other Computer Programmers to prepare required programs and analyzes subject-matter operations to be automated; specifies number and types of records, files, and documents to be used and outputs to be produced; prepares work diagrams and data flow charts; coordinates tests of the system and participates in trial runs of new and revised systems; and recommends computer equipment changes to obtain more effective operations. The Computer Systems Analyst may also write the computer programs.	None	5
11	Data Entry Operator I	This position operates keyboard-controlled data entry devices such as a computer, key-operated magnetic tape, or disc encoder to transcribe data into a format suitable for computer processing. Job task requires skill in operating an alphanumeric keyboard, and an understanding of transcribing procedures and relevant data entry equipment.	None	0
12	Data Entry Operator II	This position operates keyboard-controlled data entry devices such as a computer, key-operated magnetic tape, or disc encoder to transcribe data into a format suitable for computer processing. Job task requires skill in operating an alphanumeric keyboard, and an understanding of transcribing procedures and relevant data entry equipment.	None	3
13	Production Control Clerk	This position compiles and records production data for industrial establishments to compare records and reports on volume of production, consumption of material, quality control, and other aspects of production. May	None	0

		perform any combination of the following duties: compile and record production data from customer orders, work tickets, product specifications, and individual worker production sheets following prescribed recording procedures and using different word processing techniques. This Clerk calculates such factors as types and quantities of items produced, materials used, amount of scrap, frequency of defects, and worker and department production rates, using a computer, calculator, and/or spreadsheets. Additional tasks include: writing production reports based on data compiled, tabulated and computed, following prescribed formats, maintaining files of documents used and prepared, compiling detailed production sheets or work tickets for use by production workers as guides in assembly or manufacture of products. This Clerk prepares written work schedules based on established guidelines and priorities, compiles material inventory records and prepares requisitions for procurement of materials and supplies charts production using chart, graph, or pegboard based on statistics compiled for reference by production and management personnel. This Clerk also sorts and distributes work tickets or material and may compute wages from employee time cards and post wage data on records used for preparation of payroll.		
14	Scheduler Maintenance	This position schedules vehicle repairs and lubrication for vehicle-maintenance, schedules vehicles for lubrication or repairs based on date of last lubrication and mileage traveled or urgency of repairs. The Maintenance Scheduler contacts garage to verify availability of facilities, notifies parking garage workers to deliver specified vehicles, and maintains a file of requests for services.	None	0
15	Supply Technician	This position performs limited aspects of technical supply management work (e.g., inventory management, storage management, cataloging, and property utilization) related to depot, local, or other supply activities. Work usually is segregated by commodity area or function, and controlled in terms of difficulty, complexity, or responsibility. Assignments usually relate to stable or standardized segments of technical supply management operations; or to functions or subjects that are narrow in scope or limited in difficulty. The work generally involves individual case problems or supply actions. This work may require consideration of program requirements together with specific variations in or from standardized guidelines.	None	0
16	Furniture Handler	The Furniture Handler assists one or more electrostatic spray painters in repainting furniture by performing specific or general duties of lesser skill, moves materials or furniture to work areas, using hand truck or dolly, cleans surfaces of articles to be painted. The Furniture Handler is confined to supplying, lifting, holding materials and tools, and cleaning working areas.	None	0
17	Elevator Operator	The Elevator Operator operates elevator to transport passengers or freight between floors of a building such as a department store, hotel, office building, apartment house, or manufacturing plant, pushes buttons or moves levers on signal or instructions from passengers or others to control movement of elevator, opens and closes safety gate and elevator door at each floor where stop is made, may supply information to passengers concerning location of offices, merchandise, and individuals, distribute mail to various floors, answer telephone, and prevent unauthorized persons from entering building; may load or unload freight or assist other employees to do so, transport freight from elevator to designated area, using hand truck, and may sweep or vacuum elevator.	None	0

18	Gardener	The Gardener plans and executes small scale landscaping operations and maintains grounds and landscape of household, business and other properties, works with assistant in preparing and grading terrain, applying fertilizers, seeding and laying sod, and transplanting shrubs and plants, and cultivates them, using gardening implements and power-operated equipment. The Gardner plants new and repairs established lawns, using seed mixtures and fertilizers recommended for particular soil type and lawn location, locates and plants shrubs, trees, and flowers recommended for particular landscape effect or those selected by property owner, mows and trims lawns, using hand or power mower, trims shrubs and cultivates gardens, sprays trees and shrubs and applies supplemental liquid and dry nutrients to lawn, trees and shrubs; cleans ground, using rakes, brooms, and hose, dig trenches and install drain tiles, repair concrete and asphalt walks and driveways.	None	0
19	Janitor	The Janitor cleans and keeps in an orderly condition factory working areas and washrooms, or premises of an office, apartment house, or commercial or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing, and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; and cleaning lavatories, showers, and restrooms. Excluded are: a. Workers who specialize in window washing. b. Housekeeping staff who make beds and change linens as a primary responsibility. c. Workers required to disassemble and assemble equipment in order to clean machinery. d. Workers who receive additional compensation to maintain sterile facilities or equipment.	None	0
20	Laborer Grounds Maintenance	The Laborer, Grounds Maintenance maintains grounds of industrial, commercial or public property such as buildings, camp and picnic grounds, parks, playgrounds, greenhouses, and athletic fields, and repairs structures and equipment, performing one or more of the following tasks: cut grass, using walking-type or riding mowers (less than 2000 lbs.), trim hedges and edges around walks, flowerbeds, and wells, using hedge trimmers, clippers and edging tools, prunes shrubs and trees to shape and improve growth, using shears and other hand tools, sprays lawn, shrubs, and trees with fertilizer or insecticide. Job duties also include the following: planting grass, flowers, trees, and shrubs, watering lawn and shrubs during dry periods, using hose or activating sprinkler system, picks up and burns or carts away leaves, paper or other litter; removing snow from walks, driveways, roads, or parking lots, using shovel and snow blower, spreads salt on walkways and other areas, repairing and painting fences, gates, benches, tables, guardrails, and outbuildings. This Worker assists in repair of roads, walks, buildings, and mechanical equipment, and may clean comfort stations, offices workshop areas, and parking lots by sweeping, washing, mopping and polishing.	None	0
21	Media Specialist I	The Media Specialist I maintains library of media (tapes, cassettes and microfiche), which presents few difficult data processing problems (e.g. damaged media or misplaced media). In response to data processing problems, this person applies data processing or corrective procedures, refers problems which do not have preplanned procedures, and works under general supervision of the higher-level Media Specialists.	None	0
22	Media Specialist III	This Specialist maintains a range of media (tapes, cassettes and microfiche). In addition to maintaining the media library and resolving common data processing problems, the incumbent diagnoses and acts on media errors not fully covered by existing procedures and guidelines (e.g., tape, disposition or making mechanical adjustments	None	5

		to maintain or restore media equipment). In response to media error reports, this Worker may deviate from standard procedures if standard procedures do not provide a solution and refers still-unresolved problems to Media Specialist III.		
23	Technical Order Library Clerk	The Technical Order Library Clerk maintains technical publications in a complete and current status per regulations. Incumbent requisitions, files, receives, screens, reviews, routes, and distributes all incoming technical manuals. Position also monitors dispersed libraries and necessary control functions to distribute data. Incumbent complies with processes established for classified technical media receipt, storage, distribution, inventory, and disposition in accordance with current regulations.	None	0
24	Computer Operator I	The Computer Operator I works under close personal supervision and is provided detailed written or oral guidance before and during assignments. As instructed, this worker resolves common operating problems and may serve as an assistant operator working under close supervision or performing a portion of a more senior operator's work.	None	0
25	Computer Operator II	The Computer Operator II processes scheduled routines that present few difficult operating problems (e.g., infrequent or easily resolved error conditions). In response to computer output instructions or error conditions, this worker applies standard operating or corrective procedure, refers problems that do not respond to preplanned procedure, and may serve as an assistant operator, working under general supervision.	None	3
26	Computer Operator III	The Computer Operator III processes a range of scheduled routines. In addition to operating the system and resolving common error conditions, this worker diagnoses and acts on machine stoppage and error conditions not fully covered by existing procedures and guidelines (e.g., resetting switches and other controls or making mechanical adjustments to maintain or restore equipment operations). In response to computer output instructions or error conditions, the Computer Operator III may deviate from standard procedures if standard procedures do not provide a solution and refers problems which do not respond to corrective procedures to a person of supervisory or higher individual contributor level.	None	5
27	Computer Operator IV	The Computer Operator IV adapts to a variety of nonstandard problems that require extensive operator intervention (e.g. frequent introduction of new programs, applications, or procedures). In response to computer output instructions or error conditions, this worker chooses or devises a course of action from among several alternatives and alters or deviates from standard procedures if standard procedures do not provide a solution (e.g. reassigning equipment in order to work around faulty equipment or transfer channels); then refers problems if necessary. Typically, completed work is submitted to users without supervisory review.	None	8
28	Computer Operator V	The Computer Operator V resolves a variety of difficult operating problems (e.g. making unusual equipment connections and rarely used equipment and channel configurations to direct processing through or around problems in equipment, circuits, or channels or reviewing test run requirements and developing unusual system configurations that will allow test programs to process without interfering with ongoing job requirements). In response to computer output instructions and error conditions or to avoid loss of information or to conserve computer time, operator deviates from standard procedures. Such actions may materially alter the computer unit's production plans. This operator may spend considerable time away from the control station providing	None	10

		technical assistance to lower level operators and assisting programmers, systems analysts, and subject matter specialists with resolution of problems.		
29	Machine-Tool Operator (Tool Room)	Someone in this position specializes in operating one or more than one type of machine tool (e.g., jig borer, grinding machine, engine lathe, milling machine) to machine metal for use in making or maintaining jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: planning and performing difficult machining operations which require complicated setups or a high degree of accuracy, setting up machine tool or tools (e.g., installing cutting tools and adjusting guides, stops, working tables, and other controls to handle the size of stock to be machined. The Machine Tool Operator determines proper feeds, speeds, tooling, and operation sequence or selects those prescribed in drawings, blueprints, or layouts). Work also involves using a variety of precision measuring instruments, making necessary adjustments during machining operation to achieve requisite dimensions to very close tolerances. This worker may be required to select proper coolants and cutting and lubricating oils to recognize when tools need dressing, and to dress tools. In general, the work of a Machine-Tool Operator (Tool room) at the skill level called for in this classification, requires extensive knowledge of machine shop and tool room practice usually acquired though considerable on-the-job training and experience.	None	0
30	Tool And Die Maker	The Tool and Die Maker constructs and repairs jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: planning and laying out work according to models, blueprints, drawings, or other written or oral specifications, understanding the working properties of common metals and alloys, selecting appropriate materials, tools, and processes required to complete task, making necessary shop computations, and setting up and operating various machine tools and related equipment. Work for someone in this position also involves using various Tool and Die Maker's hand tools and precision measuring instrument, working to very close tolerances, heat-treating metal parts and finished tools and dies to achieve required qualities, and fitting and assembling parts to prescribed tolerances and allowances. In general, the Tool and Die Maker's work requires rounded training in machine shop and tool room practice usually acquired through formal apprenticeship or equivalent training and experience.	None	0
31	Forklift Operator	The Forklift Operator operates a manually controlled gasoline, electric or liquid propane gas powered forklift to transport goods and materials of all kinds within a warehouse, manufacturing plant, or other establishment.	None	0
32	Material Coordinator	The Material Coordinator coordinates and expedites flow of material, parts, and assemblies within or between departments in accordance with production and shipping schedules or department supervisors' priorities. In this job, the Material Coordinator reviews production schedules and confers with department supervisors to determine material required or overdue and to locate material, requisitions material and establishes delivery sequences to departments according to job order priorities and anticipated availability of material; arranges for in-plant transfer of materials to meet production schedules, and with department supervisors for repair and assembly of material and its transportation to various departments, and examines material delivered to production departments to verify if type specified. This Worker may monitor and control movement of material	None	0

		and parts along conveyor system, using remote-control panel board, compute amount of material needed for specific job orders, applying knowledge of product and manufacturing processes and using adding machine; compile report of quantity and type of material on hand, move or transport material from one department to another, using hand or industrial truck; may compile perpetual production records in order to locate material in process of production, using manual or computerized system, and maintain employee records.		
33	Material Expediter	The Material Expediter executes the following: locates and moves materials and parts between work areas of plant to expedite processing of goods, according to pre-determined schedules and priorities, and keeps related record, reviews production schedules inventory reports, and work orders to determine types, quantities, and availability of required material and priorities of customer orders, confers with department supervisors to determine materials overdue and to inform them of location, availability, and condition of materials, locates and moves materials to specified production areas, using cart or hand truck, and records quantity and type of materials distributed and on hand. Work may include the following tasks: directing Power-Truck Operator or Material Handling Laborer to expedite movement of materials between storage and production areas, compare work ticket specifications with material at work stations to verify appropriateness of material in use, prepare worker production records and timecards, and may update and maintain inventory records, using computer terminal.	None	0
34	Material Handling Laborer	This person will perform physical tasks to transport or store materials or merchandise. Duties involve one or more of the following: manually loading or unloading freight cars, trucks, or other transporting devices; unpacking, shelving, or placing items in proper storage locations; or transporting goods by hand truck, cart, or wheelbarrow. Excluded from this definition are workers whose primary function involves: a. Participating directly in the production of goods (e.g., moving items from one production station to another or placing them on or removing them from the production process); b. Stocking merchandise for sale; c. Counting or routing merchandise; d. Operating a crane or heavy-duty motorized vehicle such as forklift or truck; e. Loading and unloading ships (alongshore workers); f. Traveling on trucks beyond the establishment's physical location to load or unload merchandise.	None	0
35	Order Filler	The Order Filler fills shipping or transfer orders for finished goods from stored merchandise in accordance with specifications on sales slips, customers' orders, or other instructions. This worker may, in addition to filling orders and indicating items filled or omitted, keep records of outgoing orders, requisition additional stock or report short supplies to supervisor, and perform other related duties.	None	0
36	Production Line Worker (Food Processing)	This position refers to an employee employed in a food processing plant whose duties involve several of the following: loading and unloading commodities from rail cars, trucks, or other conveyances, placing merchandise in proper storage location and transporting the merchandise by hand truck, push-pull, or forklift; blends merchandise ingredients into pre-determined quality by heating, mixing, re-heating, etc. The Production Line Worker monitors blending operation to ensure that finished products meets customer's requirements, monitors flow of product into appropriate container; labels container with identifying information supplied by customer,	None	0

		and places containers into appropriate shipping container. Must have knowledge of various types and sizes of shipping containers and special requirements of customers.		
37	Shipping Packer	Someone in this position prepares finished products for shipment or storage by placing them in shipping containers, the specific operations performed being dependent upon the type, size, and number of units to be packed, the type of container employed, and method of shipment. Work requires the placing of items in shipping containers, and may involve one or more of the following: knowledge of various items of stock in order to verify content, selection of appropriate type and size of container, inserting enclosures in container; using excelsior or other material to prevent breakage or damage, closing and sealing container, and applying labels or entering identifying data on container. Exclude packers who also make wooden boxes or crates.	None	0
38	Shipping/Receiving Clerk	The Shipping/Receiving Clerk performs clerical and physical tasks in connection with shipping goods of the establishment in which employed and receiving incoming shipments. In performing day-to-day, routine tasks, this worker follows established guidelines. In handling unusual non-routine problems, this worker receives specific guidance from supervisor or other officials. This incumbent may direct and coordinate the activities of other workers engaged in handling goods to be shipped or being received. Shipping duties typically involve the following: verifying that orders are accurately filled by comparing items and quantities of goods gathered for shipment against documents; insuring that shipments are properly packaged, identified with shipping information, and loaded into transporting vehicles, and preparing and keeping records of goods shipped, e.g., manifests, bills of lading. Receiving duties typically involve the following: verifying the correctness of incoming shipments by comparing items and quantities unloaded against bills of lading, invoices, manifests, storage receipts, or other records, checking for damaged goods, insuring that goods are appropriately identified for routing to departments within the establishment, and preparing and keeping records of goods received.	None	0
39	Tools And Parts Attendant	(Tool Crib Attendant) This incumbent receives, stores, and issues hand tools, machine tools, dies, replacement parts, shop supplies and equipment, such as measuring devices, in an industrial establishment. The Tools and Parts Attendant does the following keeps records of tools issued to and returned by workers, searches for lost or misplaced tools, prepares periodic inventory or keeps perpetual inventory and requisitions stock as needed, unpacks and stores new equipment; visually inspects tools or measures with micrometer for wear or defects and reports damaged or wornout equipment to superiors; may coat tools with grease or other preservative, using a brush or spray gun, and may attach identification tags or engrave identifying information on tools and equipment using electric marking tool.	None	0
40	Warehouse Specialist	(Warehouse Worker) As directed, the Warehouse Specialist performs a variety of warehousing duties that require an understanding of the establishment's storage plan. Work involves most of the following: verifying materials (or merchandise) against receiving documents, noting and reporting discrepancies and obvious damages, routing materials to prescribed storage locations; storing, stacking, or palletizing materials in accordance with prescribed storage methods, rearranging and taking inventory of stored materials, examining stored materials and reporting deterioration and damage, removing material from storage and preparing it for shipment. This worker may operate hand or power trucks in performing warehousing duties. Note: Exclude	None	0

		workers whose primary duties involve shipping and receiving work (see Shipping/Receiving Clerk), order filling (see Order Filler), or operating forklifts (see Forklift Operator).		
41	Appliance Mechanic	The Appliance Mechanic installs, services and repairs stoves, refrigerators, dishwashing machines, and other electrical household or commercial appliances, using hand tools, test equipment and following wiring diagrams and manufacturer's specifications. This person connects appliance to power source and test meters, such as wattmeter, ammeter, or voltmeter, observes readings on meters and graphic recorders, examines appliance during operating cycle to detect excess vibration, overheating, fluid leaks and loose parts, and disassembles appliances and examines mechanical and electrical parts. The worker traces electrical circuits, following diagram and locates shorts and grounds, using ohmmeter, calibrates timers, thermostats and adjusts contact points, and cleans and washes parts, using wire brush, buffer, and solvent to remove carbon, grease and dust. This person replaces worn or defective parts, such as switches, pumps, bearings, transmissions, belts, gears, blowers and defective wiring, repairs and adjusts appliance motors, reassembles appliance, adjusts pulleys and lubricates moving parts, using hand tools and lubricating equipment.	None	0
42	Carpenter Maintenance	The Carpenter, Maintenance performs the carpentry duties necessary to maintain in good repair building woodwork and equipment such as bins, cribs, counters, benches, partitions, doors. Work involves most of the following: planning and laying out of work from blueprints, drawings, models, or verbal instructions, using a variety of carpenter's hand tools, portable power tools and standard measuring instruments, and making standard shop computations relating to dimensions of work; and selecting materials necessary for the work. In general, the work of the maintenance carpenter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.	None	0
43	Electrician Maintenance	An Electrician performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generation, distribution, or utilization of electric energy. Work involves most of the following: installing or repairing any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blueprints, drawings, layouts, or other specifications, locating and diagnosing trouble in the electrical system or equipment, working standard computations relating to load requirements of wiring or electrical equipment, and using a variety of electrician's hand tools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.	None	0
44	Electronics Technician Maintenance I	The Electronics Technician Maintenance I applies basic technical knowledge to perform simple or routine tasks following detailed instructions, performs such tasks as replacing components, wiring circuits, repairing simple electronic equipment; and taking test readings using common instruments such as digital multi-meters, signal generators, semiconductor testers, curve tracers, and oscilloscopes. This person works under close supervision receiving technical guidance from supervisor or higher-level technician. Work is checked frequently for accuracy.	None	0

45	Electronics Technician Maintenance II	The Electronics Technician Maintenance II applies basic and some advanced technical knowledge to solve routine problems by interpreting manufacturers' manuals or similar documents. Work requires familiarity with the interrelationships of circuits and judgment in planning work sequence, in selecting tools, testing instruments, and is reviewed for compliance with accepted practices. This technician works under immediate supervision and achieves technical guidance, as required, from supervisor or higher-level technician.	None	3
46	Electronics Technician Maintenance III	The Electronics Technician Maintenance III applies advanced technical knowledge to solve complex problems that typically cannot be solved solely by referencing manufacturers' manuals or similar documents. Examples of such problems include determining the location and density of circuitry, evaluating electromagnetic radiation, isolating malfunctions, and incorporating engineering; changes. Work typically requires an understanding of the interrelationships of circuits, exercising independent judgment in performing such tasks as making circuit analyses, calculating wave forms, and tracing relationships in signal flow, using complex test instruments such as high frequency pulse generators, frequency synthesizers, distortion analyzers, and complex computer control equipment. Work may be reviewed by supervisor for general compliance with accepted practices. This position may provide technical guidance to lower level technicians.	None	5
47	Fire Alarm System Mechanic	The Fire Alarm System Mechanic inspects, tests, maintains, and repairs installed fire alarm detection and suppression systems in accordance with manufacturer's specifications and National Fire Protection Association standards, inspects fire alarm equipment visually and replaces defective components, tests initiating and signal circuits, detectors, and system transmitter, makes needed repairs, and checks pressure gauges on suppression system storage containers and recharges or replaces containers.	None	0
48	Fire Extinguisher Repairer	The Fire Extinguisher Repairer performs the following duties: repairs and tests fire extinguishers in repair shops and in establishments, such as factories, homes, garages, and office buildings, Using hand tools and hydrostatic test equipment, this repairer dismantles extinguisher and examines tubings, horns, head gaskets, cutter disks, and other parts for defects, and replaces worn or damaged parts. Using hand tools, this repairer cleans extinguishers and recharges them with materials, (such as soda water and sulfuric acid, carbon tetrachloride, nitrogen or patented solutions); tests extinguishers for conformity with legal specifications using hydrostatic test equipment, and may install cabinets and brackets to hold extinguishers.	None	0
49	Fuel Distribution System Mechanic	The Fuel Distribution System Mechanic maintains and repairs fuel storage and distribution systems, using hand and power tools and testing instruments, inspects fuel receiving, storage, and distribution facilities to detect and correct leakage, corrosion, faulty fittings, and malfunction of mechanical units, meters, and gauges, (such as distribution lines, float gauges, piping valves, pumps, and roof sumps); inspects electrical wiring, switches, and controls for safeoperating condition, grounding, and adjustment, lubricates and repacks valves; lubricates pumps, replaces gaskets, seals and corrects pumping equipment misalignment, and cleans strainers and filters. This mechanic services water separators, checks meters for correct delivery and calibration, overhauls system components such as pressure regulating valves and excess valves, disassembles, adjusts, aligns, and calibrates gauges and meters or replaces them, removes and installs equipment such as filters and piping to modify system or repair and replace system component. Duties include: cleaning fuel tanks and distribution lines, removing	None	0

		corrosion and repainting surfaces, overhauling vacuum and pressure vents, floating roof seals, hangers, and roof sumps, and maintaining record of inspections and repairs.		
50	Fuel Distribution System Operator	The Fuel Distribution System Operator receives, stores, transfers, and issues fuel through pipelines at main line or terminal stations, receives fuel by tanker, ships fuel by pipeline, tank car, tank truck, and barge, prepares and checks receiving or ship's documents, connects lines, grounding wires, and loading and offloading arms or hoses to pipelines; and visually inspects samples of fuel, and checks gravity and flashpoint. This operator gauges tanks for water, temperature, and fuel levels, checks pumping systems for correct operating pressure or unusual noises, performs preventive maintenance and repairs on terminal systems, assists in maintenance of government-owned railroad loading and switch area, performs general housekeeping and grounds maintenance for terminal, pipeline and dock areas.	None	0
51	General Maintenance Worker	The General Maintenance Worker performs general maintenance and repair of equipment and buildings requiring practical skill and knowledge (but not proficiency) in such trades as painting, carpentry, plumbing, masonry, and electrical work. Work involves a variety of the following duties: replacing electrical receptacles, wires, switches, fixtures, and motors, using plaster or compound to patch minor holes and cracks in walls and ceilings, repairing or replacing sinks, water coolers, and toilets painting structures and equipment; repairing or replacing concrete floors, steps, and sidewalks, replacing damaged paneling and floor tiles, hanging doors and installing door locks, replacing broken window panes, and performing general maintenance on equipment and machinery. Excluded are: a. Craft workers included in a formal apprenticeship or progression program based on training and experience; b. Skilled craft workers required to demonstrate proficiency in one or more trades; c. Workers performing simple maintenance duties not requiring practical skill and knowledge of a trade (e.g., changing light bulbs and replacing faucet washers).	None	0
52	Ground Support Equipment Mechanic	The Ground Support Equipment Mechanic diagnoses malfunctions and repairs Ground Support Equipment (GSE), advises and trains lower grade workers on diagnosis and repair of less complex repair/maintenance problems, inspects and approves completed maintenance actions, solves repair problems by studying drawings, wiring diagrams and schematics, and technical publications; uses automated maintenance data systems to monitor maintenance trends, analyze equipment requirements, maintain equipment records, and document maintenance actions, and analyzes, diagnosis, and repairs GSE using conventional and digital multi-meters, voltmeters, ohmmeters, frequency counters, oscilloscopes, circuit card testers, transistor testers, and hand tools. This mechanic maintains external fuel and grounding systems, performs scheduled and unscheduled maintenance on GSE, inspects, tests, and operates GSE to determine equipment serviceability and proper operation, services equipment with fuel, oil, water, coolant, hydraulic fluid, refrigerant, and compressed air, diagnoses mechanical and electronic circuitry malfunctions using visual and auditory senses, test equipment, and technical publications. This work also does the following: disassembles and assembles malfunctioning GSE accessories and components, removes, disassembles repairs, cleans, treats for corrosion, assembles, and reinstalls GSE components and accessories, stencils and marks GSE in accordance with technical publications, stores, handles, labels, uses, and disposes of hazardous materials and waste in accordance with all state, local,	None	0

		and federal environmental standards and regulations. This mechanic prepares GSE for storage and mobility deployment; and operates, cleans, inspects, and services GSE towing vehicles. In addition to maintaining vehicle records, this mechanic maintains and updates paper and electronic equipment records, provides dispatch service for GSE, including positioning equipment to support aircraft maintenance and flying operations, practices good housekeeping, tool control, Foreign Object Damage prevention, and safety at all times.		
53	Ground Support Equipment Servicer	The Ground Support Equipment Servicer inspects, tests, and operates GSE to determine equipment serviceability and proper operation, services equipment with fuel, oil, water, coolant, hydraulic fluid, refrigerant, and compressed air, prepares Ground Support Equipment (GSE) for storage and transportation, uses automated maintenance data systems to maintain equipment records, and document maintenance actions and maintains external fuel and grounding systems. In addition, this servicer stencils and marks GSE in accordance with technical publications, stores, handles, labels, uses, and disposes of hazardous materials and waste in accordance with all state, local, and federal environmental standards and regulations, operates, cleans, inspects, and services GSE towing vehicles. This worker maintains vehicle records, maintains and updates paper and electronic equipment records, provides dispatch service for GSE, including positioning equipment to support aircraft maintenance and flying operations, and practices good housekeeping, tool control, Foreign Object Damage prevention and safety at all times.	None	0
54	Ground Support Equipment Worker	The Ground Support Equipment Worker makes repairs to Ground Support Equipment (GSE) following orders of a higher-grade worker, troubleshooting malfunctions of GSE using conventional and digital multi-meters, voltmeters, ohmmeters, frequency counters, oscilloscopes, circuit card testers, transistor testers, and hand tools, prepares GSE for storage and transportation, uses automated maintenance data systems to maintain equipment records, and document maintenance actions, maintains external fuel and grounding systems. This worker performs scheduled and unscheduled maintenance on GSE, inspects, tests, and operates GSE to determine equipment serviceability and proper operation, services equipment with fuel, oil, water, coolant, hydraulic fluid, refrigerant, and compressed air, disassembles and assembles malfunctioning GSE accessories and components. In addition, the Ground Support Equipment Worker removes, disassembles repairs, cleans, treats for corrosion, assembles, and reinstalls GSE components and accessories, stencils and marks GSE in accordance with technical publications, stores, handles, labels, uses, and disposes of hazardous materials and waste in accordance with all state, local, and federal environmental standards and regulations, operates, cleans, inspects, and services GSE towing vehicles; maintains vehicle records, maintains and updates paper and electronic equipment records, provides dispatch service for GSE, including positioning equipment to support aircraft maintenance and flying operations, and practices good housekeeping, tool control, Foreign Object Damage prevention and safety at all times.	None	0
55	Heating Ventilation And Air-Conditioning Mechanic	The Heating, Ventilation, and Air-Conditioning Mechanic installs, services and repairs environmental-control systems in residences, department stores, office buildings, and other commercial establishments, utilizing knowledge of refrigeration theory, pipefitting and structural layout, mounts compressor and condenser units on platform or floor, using hand tools, following blueprints or engineering specifications, fabricates, assembles and	None	0

		<p>installs ductwork and chassis parts, using portable metalworking tools and welding equipment, and installs evaporator unit in chassis or in air-duct system, using hand tools. This mechanic also cuts and bends tubing to correct length and shape, using cutting and bending equipment and tools, cuts and threads pipe, using machinethreading or hand-threading equipment, joins tubing or pipes to various refrigerating units by means of sleeves, couplings or unions, and solders joints, using torch, forming complete circuit for refrigerant, installs expansion and discharge valves in circuit.</p> <p>This worker connects motors, compressors, temperature controls, humidity controls, and circulating ventilation fans to control panels and connects control panels to power source; installs air and water filters in completed installation, injects small amount of refrigerant into compressor to test systems and adds Freon gas to build up prescribed operating pressure. This mechanic observes pressure and vacuum gauges and adjusts controls to insure proper operation, tests joints and connections for gas leaks, using gauges or soap-and-water solution, wraps pipes in insulation batting and secures them in place with cement or wire bands, replaces defective breaker controls, thermostats, switches, fuses and electrical wiring to repair installed units, may install, repair and service air conditioners, ranging from fifteen to twenty tons cooling capacity in warehouses and small factory buildings.</p>		
56	Heating Ventilation And Air Contidioning Mechanic (Research Facility)	<p>The Heating, Ventilation, and Air Conditioning Mechanic (Research Facility) installs, modifies and repairs refrigeration - hermetic, semi-hermetic, mechanical, screw, scroll and centrifugal units to 1100 tons; air conditioning, ventilation; reverse osmosis systems, computer rooms; process coolers; ice machines; evaporative cooling; air compressing and related control systems, including pneumatic, DDC, and building control systems equipment. This person performs difficult installation tasks involving assembly, testing, calibrating, and adjusting of temperature control and environmental control systems such as air conditioning plants, air environmental control systems, air distribution systems and complex dual equipment cooling installations, specialized refrigerated warehouses and facilities, and evaporative mechanical ventilation, and dehumidification systems.</p> <p>The Heating, Ventilation, and Air Conditioning Mechanic (Research Facility) installs new or repaired component and performs complex modifications of systems and components in accordance with applicable electrical publications and directives, and will maintain and repair specialized laboratory equipment such as fume hoods, deionized water systems, bio-clean systems, vacuum systems, cascade refrigeration systems, and laboratory sinks. This mechanic may perform complex repair of systems component such as compressors, condensers, heat pumps regulators, fluid and refrigerant gas lines valves, meters, gages, thermostats, pumps, mechanical linkage, and electrical sensing, switching and controlling devices including pneumatic controls, variable speed drives, digital controlled devices, electronic, hydraulic heating and cooling and economizer systems.</p>	None	0
57	Heavy Equipment Mechanic	<p>The Heavy Equipment Mechanic analyzes malfunctions and repairs, rebuilds and maintains power equipment, such as cranes, power shovels, scrapers, paving machines, motor graders, trench-digging machines, conveyors, bulldozers, dredges, pumps, compressors and pneumatic tools. This worker operates and inspects machines or equipment to diagnose defects, dismantles and reassembles equipment, using hoists and hand tools, examines</p>	None	0

		parts for damage or excessive wear, using micrometers and gauges, replaces defective engines and subassemblies, such as transmissions, and tests overhauled equipment to insure operating efficiency. The mechanic welds broken parts and structural members, may direct workers engaged in cleaning parts and assisting with assembly and disassembly of equipment, and may repair, adjust and maintain mining machinery, such as stripping and loading shovels, drilling and cutting machines, and continuous mining machines.		
58	Heavy Equipment Operator	The Heavy Equipment Operator operates heavy equipment such as cranes, clamshells, power shovels, motor graders, heavy loaders, carryalls, bulldozers, rollers, scrapers, and large industrial tractors with pan or scrapper attachments. Equipment is used to excavate, load, or move dirt, gravel, or other materials. Operator may read and interpret grade and slope stakes and simple plans, and may grease, adjust and make emergency repairs to equipment.	None	0
59	Laboratory/Shelter Mechanic	The Laboratory/Shelter Mechanic performs and, on occasion, will work alone performing removal, repair and installation to a variety of items pertaining to rebuilding and the repair of air transport galley laboratories, communications shelters, trailers and vans; this worker removes, repairs or replaces broken screws, bolts riv-nuts, pop rivets, brackets, skids, floors, and luge, etc. This person fills holes, dents and grooves on the various shelters with filer materials such as Scotch Weld, silastic, and plastic filler, fits positions and attaches patches, removes old and worn gaskets and replaces insuring that gasket is fitted properly to assure water tightness. On occasion, this mechanic removes, makes minor repairs, installs minor appliances, installs the various marking and identifications plates, works with higher-grade employees in providing estimates as to man-hours required to accomplish repairs. On familiar projects, this mechanic works with technical manuals and repair specifications and procedures, properly laying out and installing equipment racks, brackets, tool boards, holding devices, benches, mounts tables, etc. This mechanic removes repairs and/or replaces filters, blowers and heaters, visually locates defective operating hardware making repairs as required to items such as doors, handles, locks, hinges, fastening devices, etc., and checks all exterior seams for tightness and fit, making repairs as necessary. The Laboratory/Shelter Mechanic works with higher graded employees in performing structural repair, assists higher graded employee in the water test area performing high and low pressure tests and fording tests, performs pull test on shelter lifting eyes according to specifications, and inspects the shelter during these tests watching for any deficiencies. When deficiencies are noted, he/she makes on the spot repair or returns shelter to the line for necessary repair.	None	0
60	Laborer	The Laborer performs tasks that require mainly physical abilities and effort involving little or no specialized skill or prior work experience. The following tasks are typical of this occupation: The Laborer loads and unloads trucks, and other conveyances, moves supplies and materials to proper location by wheelbarrow or hand truck; stacks materials for storage or binning, collects refuse and salvageable materials, and digs, fills, and tamps earth excavations, The Laborer levels ground using pick, shovel, tamper and rake, shovels concrete and snow; cleans culverts and ditches, cuts tree and brush; operates power lawnmowers, moves and arranges heavy pieces of office and household furniture, equipment, and appliance, moves heavy pieces of automotive, medical	None	0

		engineering, and other types of machinery and equipment, spreads sand and salt on icy roads and walkways, and picks up leaves and trash.		
61	Locksmith	The Locksmith installs, repairs, modifies, and opens a variety of locking mechanisms found on doors, desks, compartments, mobile equipment, safes, and vaults. This worker examines locking mechanism and installs new unit or disassembles unit and replaces worn tumblers, springs, and other parts or repairs them by filing, drilling, chiseling and grinding, opens door locks by moving lock pick in cylinder or opens safe locks by listening to lock sounds or drilling. This worker makes new or duplicate keys, using key cutting machine, changes combination by inserting new or repaired tumblers into lock, and establishes keying systems for buildings.	None	0
62	Machinery Maintenance Mechanic	The Machinery Maintenance Mechanic repairs machinery or mechanical equipment. Work involves most of the following: examining machines and mechanical equipment to diagnose source of trouble, dismantling or partly dismantling machines and performing repairs that mainly involve the use of hand tools in scraping and fitting parts. Responsibilities include replacing broken or defective parts with items obtained from stock, and ordering the production of a replacement part by a machine shop or sending the machine to a machine shop for major repairs. Duties also include preparing written specifications for major repairs or for the production of parts ordered from machine shops, reassembling machines and making all necessary adjustments for operation. In general, the work of a Machinery Maintenance Mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Excluded from this classification are workers whose primary duties involve setting up or adjusting machines.	None	0
63	Machinist Maintenance	The Machinist, Maintenance produces replacement parts and new parts in making repairs of metal parts of mechanical equipment. Work involves most of the following: interpreting written instructions and specifications, planning and laying out of work, using a variety of machinist's hand tools and precision measuring instruments, setting up and operating standard machine tools. This incumbent is responsible for the shaping of metal parts to close tolerances, making standard shop computations relating to dimensions of work, tooling, feeds, and speeds of machining; knowledge of the working properties of the common metals, selecting standard materials, parts, and equipment required for this work; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice, usually acquired through a formal apprenticeship or equivalent training and experience.	None	0
64	Maintenance Trades Helper	The Maintenance Trades Helper assists one or more workers in the skilled maintenance trades by performing specific or general duties of lesser skill such as: keeping a worker supplied with materials and tools, cleaning working area, machine, and equipment; assisting journeyman by holding materials or tools; and performing other unskilled tasks as directed by journeyman. The kind of work the helper is permitted to perform varies from trade to trade. In some trades the helper is confined to supplying, lifting, and holding materials and tools, and cleaning working areas and in others, the worker is permitted to perform specialized machine operations, or parts of a trade that are also performed by workers on a full-time basis.	None	0
65	Painter Maintenance	The Painter, Maintenance paints and redecorates walls, woodwork and fixtures. Work involves the following: knowledge of surface peculiarities and types of paint required for different applications, preparing surface for	None	0

		painting by removing old finish or by placing putty or filler in nail holes and interstices, and applying paint with spray gun or brush. This person may mix colors, oils, white lead and other paint ingredients to obtain proper color or consistency. In general, the work of the maintenance painter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.		
66	Pipefitter Maintenance	The Pipefitter, Maintenance installs or repairs water, steam, gas or other types of pipe and pipefitting. Work involves most of the following: laying out work and measuring to locate position of pipe from drawings or other written specifications, cutting various sizes of pipe to correct lengths with chisel and hammer, oxyacetylene torch or pipecutting machines, threading pipe with stocks and dies. This person is responsible for bending pipe by hand-driven or power-driven machines, assembling pipe with couplings and fastening pipe to hangers, making standard shop computations relating to pressures, flow and size of pipe required; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the Maintenance Pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.	None	0
67	Plumber Maintenance	The Plumber, Maintenance assembles, installs and repairs pipes, fittings and fixtures of heating, water, and drainage systems, according to specifications and plumbing codes, studies building plans and working drawings to determine work aids required, and sequence of installations. This worker inspects structure to ascertain obstructions to be avoided to prevent weakening of structure resulting from installation of pipe, and locates and marks position of pipe and pipe connections and passage holes for pipes in walls and floors. This worker cuts openings in walls and floors to accommodate pipe and pipe fittings, using hand tools and power tools, cuts and threads pipe, using pipe cutters, cutting torch, and pipe-threading machine, bends pipe to required angle by use of pipe-bending machine, or by placing pipe over block and bending it by hand. The Plumber, Maintenance assembles and installs valves, pipefittings, and pipes composed of metals, such as iron, steel, brass and lead, and nonmetals, such as glass, vitrified clay, and plastic. This person joins pipe by use of screws, bolts, fittings, solder, plastic solvent, and caulks joints, fills pipe system with water or air and reads pressure gauges to determine whether system is leaking, installs and repairs plumbing fixtures, such as sinks, commodes, bathtubs, water heaters, hot water tanks, garbage disposal units, dishwashers, and water softeners. This person repairs and maintains plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains, and may weld holding fixtures to steel structural members.	None	0
68	Pneudraulic Systems Mechanic	The Pneudraulic Systems Mechanic maintains, modifies, and repairs hydraulic and pneumatic systems and components that actuate mechanisms or produce, control, and regulate the flow of fluids (liquids and gases), tests for and isolates malfunctions in hydraulic and pneumatic systems or components, utilizing technical manuals and schematics, and modifies, repairs or disassembles and overhauls systems or components.	None	0
69	Rigger	A Rigger assembles rigging to lift and move equipment or material in manufacturing plant or shipyard, selects cables, ropes, pulleys, winches, blocks, and sheaves, according to weight and size of load to be moved, attaches pulley and blocks to fixed overhead structures, such as beams, ceilings, and gin pole booms, with bolts and	None	0

		clamps, attaches load with grappling devices, such as loops, wires, ropes and chains, to crane hook, gives directions to Bridge-or-Gantry-Crane Operator or Hoisting Engineer engaged in hoisting and moving loads to insure safety of workers and material handled, using hand signals, loudspeaker, or telephone. The Rigger also sets up, braces, and rigs hoisting equipment, using hand tools and power wrenches, splices rope and wire cables to make or repair slings and tackle, and may direct workers engaged in hoisting machinery and equipment into ships.		
70	Sheet-Metal Worker Maintenance	The Sheet-Metal Worker, Maintenance fabricates, installs and maintains in good repair the sheet-metal equipment and fixtures (such as machine guards, grease pans, shelves, lockers, tanks, ventilators, chutes, ducts, metal roofing) of an establishment. Work involves most of the following: planning and laying out all types of sheet-metal maintenance work from blueprints, models, or other specifications, setting up and operating all available types of sheet-metal working machines, using a variety of hand tools in cutting, bending, forming, shaping, fitting and assembling, and installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience	None	0
71	Small Engine Mechanic	The Small Engine Mechanic repairs fractional-horsepower gasoline engines used to power lawnmowers, garden tractors, and similar machines, using hand tools, locates causes of trouble, dismantles engines, using hand tools, and examines parts for defects, replaces or repairs parts, such as rings and bearings, cleans and adjusts carburetor and magneto, starts repaired engines and listens to sounds to test performance.	None	0
72	Telecommunications Mechanic I	The Telecommunications Mechanic I installs, removes, maintains, modifies, troubleshoots, and repairs voice and/or non-voice communications systems including intercom and public address systems, alarm systems, teletype equipment, and electronic and electromechanical telephone key systems/PBAXs; terminal and communications equipment, including line drivers. This mechanic runs cables, key cables, or house wire to all telephone sets, terminal connectors, lugs, pins, or screws, associated with key telephone equipment and/or terminating equipment for non-voice circuits.	None	0
73	Telecommunications Mechanic II	The Telecommunications Mechanic II installs, tests, troubleshoots, programs, maintains, and repairs digital switching equipment, attendant consoles, power and ringing relay racks, miscellaneous telephone, radio, fire alarms, intrusion alarms, and computer data circuits and related apparatus required in the central switching office. This worker analyzes system failures and other unusual system occurrences to isolate the source of the problem and determine whether the failure is caused by software, hardware, or other factors. Employees in this position maintain manual and/or computerized central office records, including detail records, traffic analysis records, cable records, line records, subscriber service records, and spare parts inventories.	None	3
74	Welder Combination Maintenance	This incumbent welds metal components together to fabricate or repair products, such as machine parts, plant equipment, mobile homes, motors and generators, according to layouts, blueprints or work orders, using brazing and a variety of arc and gas welding equipment. This worker welds metal parts together, using both gas welding or brazing and any combination of arc welding processes, performs related tasks such as thermal cutting and grinding, repairs broken or cracked parts, fills holes and increases size of metal parts, positions and clamps	None	0

		together components of fabricated metal products preparatory to welding. This worker may locate and repair cracks in industrial engine cylinder heads, using inspection equipment and gas torch, may perform repairs only and be required to pass employer performance tests or standard tests to meet certification standards of governmental agencies or professional and technical associations. Note: Employees welding aircraft and ground support equipment should be classified as an Aerospace Structural Welder.		
75	Well Driller	<p>This incumbent sets up and operates portable drilling rig (machine and related equipment) to drill wells, extends stabilizing jackscrews to support and level drilling rig, moves levers to control power-driven winch that raises and extends telescoping mast. This person bolts trusses and guy wires to raise mast and anchors them to machine frame and stakes, and assembles drilling tools, using hand tools or power tools. The Well Driller moves levers and pedals to raise tools into vertical drilling position and lowers well casing (pipe that shores up walls of well) into well bore, using winch, moves levers and pedals and turns hand wells to control reciprocating action of machine and to drive or extract well casing.</p> <p>This employee pumps water into well to facilitate drilling by cooling drill bit and removing drillings, listens to sounds of drilling machine and feels cable or brake to determine drilling conditions and to identify variations such as entering new strata or striking rock, moves levers to adjust stroke and impact of cable tool drilling machine or changes drill bits of rotary drilling machine to fit changing conditions, and replaces drill bit with tool to collect samples of earth or rock being penetrated. This worker examines samples to determine nature of strata encountered or submits samples to laboratory for analysis, records drilling progress and geological data, and splices worn or broken cable. This incumbent may sharpen bits by heating them in forging furnace and hammering edges on anvil, build up worn drill bits by arc welding, tempering bits in furnace, and by quenching them in water, retrieve lost equipment from bore holes, using specialized retrieval tools and equipment, may fabricate well casings, or restore wells to active production.</p>	None	0
76	Woodcraft Worker	The Woodcraft Worker makes and repairs high-grade wooden items such as fine cabinets and furniture, studies blueprints or drawings of articles to be constructed or repaired, and plans sequence of cutting or shaping operations to be performed. This worker marks outline or dimensions of parts on paper or lumber stock, according to blueprint or drawing specifications, matches materials for color, grain, or texture, sets up and operates woodworking machines, such as power saws, jointer, mortiser, tenoner, molder, and shaper, to cut and shape parts from woodstock. This worker trims component parts of joints to insure snug fit, using hand tools, such as planes, chisels, or wood files; bores holes for insertion of screws or dowels by hand or using boring machine, glues, fits, and clamps parts and subassemblies together to form complete unit using clamps or clamping machine, and drives nails or other fasteners into joints at designated places to reinforce joints. This worker sands and scrapes surfaces and joints of articles to prepare articles for finishing, may dip, brush, or spray assembled articles with protective or decorative materials, such as stain, varnish or paint, and may install hardware, such as hinges, catches, and drawer pulls.	None	0
77	Woodworker	The Woodworker constructs and repairs items such as boxes, crates, pallets, and storage bins from wood and wood substitutes, studies specifications; and measures, marks, and cuts boards, using patterns, templates, ruler,	None	0

		pencil, and hand and power saws. This worker fastens or installs parts, using hammer, nailing machine, or power staple, repairs defective containers by replacing damaged parts, inserts wood bracings, cardboard files, and felt pads in containers. This incumbent may build crate around object, using ruler, hand tools, and pneumatic nailer, may fabricate, repair, modify, and replace woodwork on vehicle sides and beds, apply preservative to prolong wood life, and may pack, seal, band, and apply markings to crates and containers.		
78	Boiler Tender	The Boiler Tender tends one or more boilers to produce steam or high-temperature water for use in an establishment, fires boiler, observes and interprets readings on gauges, meters, and charts which register various aspects of boiler operation, adjusts controls to insure safe and efficient boiler operation and to meet demands for steam or hightemperature water. This incumbent may also do one or more of the following: maintain a log in which various aspects of boiler operation are recorded; clean, oil, make minor repairs or assist in repair to boiler room equipment; and following prescribed methods, treat boiler water with chemicals and analyze boiler water for such things as acidity, causticity, and alkalinity.	None	0
79	Sewage Plant Operator	(Wastewater Treatment Plant Operator) This incumbent operates sewage treatment, sludge processing, and disposal equipment in wastewater (sewage) treatment plant to control flow and processing of sewage, monitors control panels and adjusts valves and gates manually or by remote control to regulate flow of sewage, observes variations in operating conditions and interprets meter and gauge readings, and tests results to determine load requirements. This worker starts and stops pumps, engines, and generators to control flow of raw sewage through filtering, settling, aeration, and sludge digestion processes, maintains log of operations and records meter and gas readings, gives directions to wastewater treatmentplant attendants and sewage-disposal workers in performing routine operations and maintenance, and may collect sewage sample, using dipper or bottle and conduct laboratory tests, using testing equipment, such as colorimeter. This person may operate and maintain power-generating equipment to provide steam and electricity for plant.	None	0
80	Stationary Engineer	The Stationary Engineer operates and maintains one or more systems that provide an establishment with such services as heat, air-conditioning (cool, humidify, dehumidify, filter, and circulate air), refrigeration, steam or hightemperature water or electricity. Duties involve: observing and interpreting readings on gauges, meters and charts which register various aspects of the system's operation, adjusting controls to insure safe and efficient operation of the system and to meet demands for the service provided, recording in logs various aspects of the system's operation, keeping the engines, machinery and equipment of the system in good working order. This engineer may direct and coordinate activities of other workers (not stationary engineers) in performing tasks directly related to operating and maintaining the system or systems. The classification excludes head or chief engineers in establishments employing more than one engineer. Workers are required to be skilled in the repair of electronic control equipment; workers in establishments producing electricity, steam, or heated or cooled air primarily for sale, and Boiler Tenders.	None	0
81	Ventilation Equipment Tender	This incumbent tends ventilating and heating equipment, such as fans, vacuum pumps, air compressors, vents and ducts, and lubrication-oil coolers used in buildings or industrial processes; adjusts valves to regulate temperature of lubrication oil and flow of water through system, moves controls to regulate speed of fans, adjust	None	0

		vents and ducts, records gauge readings, and repairs completed, and time lost because of inoperative equipment. This worker writes repair work order tickets and out-of-order tags preparatory to equipment repair, inspects equipment to detect excessive noise and heat, replaces gauges and tightens and chucks leaky fittings, using wrenches, hammers, and chalking tool, cleans carbon deposits, pitch, and grease from fans, vents and ducts, using scrapers, hammer, and compressed air or steam.		
82	Water Treatment Plant Operator	This position controls treatment plant machines and equipment to purify and clarify water for human consumption and for industrial use. This person operates and controls electric motors, pumps, and valves to regulate flow of raw water into treating plant and dumps specified amounts of chemicals such as chlorine, ammonia, and lime into water, or adjusts automatic devices that admit specified amounts of chemicals into tanks to disinfect, deodorize, and clarify water. This person starts agitators to mix chemicals and allows impurities to settle to bottom of tank, turns valves to regulate water through filter beds to remove impurities, pumps purified water into water mains, monitors panel board and adjusts controls to regulator flow rates, loss of head pressure and water elevation and distribution of water. This operator cleans tanks and filter beds, using backwashing (reverse flow of water), repairs and lubricates machines and equipment, using hand- and power tools, tests water samples to determine acidity, color, and impurities, using colorimeter, turbidimeter, and conductivity meter. Work includes dumping chemicals such as alum into tanks to coagulate impurities and reduce acidity, recording data, such as residual content of chemicals, water turbidity, and water pressure. This operator may operate portable water-purification plant to supply drinking water, and purify wastewater from plant preparatory to pumping water into rivers and streams or city mains.	None	0
83	Alarm Monitor	The Alarm Monitor operates communication equipment to receive incoming calls for assistance and dispatches personnel and equipment to scene of emergency, operates telephone console to receive incoming calls for assistance, questions caller to determine nature of problem and type and number of personnel and equipment needed, following established guidelines, and scans status charts and computer screen to determine units available. This worker monitors alarm system signals that indicate location of fire or other emergency, operates two-way radio to dispatch police, fire, medical, and other personnel and equipment, and to relay instructions or information to remove units. This worker types commands on computer keyboard to update files and maintain logs, tests communications and alarm equipment, and backup systems to ensure serviceability. The Alarm Monitor may provide pre-arrival instructions to caller, utilizing knowledge of emergency medical techniques, and activate alarm system to notify fire stations.	None	0
84	Recreation Specialist	The Recreation Specialist plans, organizes, and directs comprehensive public and voluntary recreation programs at recreation building, indoor center, playground, playfield, or day camp. This person studies and analyzes recreational needs and resources, oversees and assigns duties to staff, interprets recreation programs and their philosophy to individuals and groups through personal participation and staff assignments, and schedules maintenance and use of facilities.	None	0
85	Swimming Pool Operator	The Swimming Pool Operator operates and maintains swimming pool and auxiliary equipment, fills pool and tests water for proper chlorine content, regulates feeders and puts in prescribed amounts of soda ash and chlorine	None	0

		according to specific instructions to purify water, checks heating and pumping equipment, and adjusts or makes minor repairs using mechanic's hand tools. This operator changes chlorine tanks, as required, removes leaves and other debris from water, using net, cleans bottom and sides of pool, using such aids as underwater vacuum cleaner, hose, brush, detergent, acid solution, and sander. Inspects and replaces loose or damaged tile, cleans and repairs filter system. Reports emergencies or unusual malfunctions to superior, and prepares report of materials used and work performed.		
86	Civil Engineering Technician	This incumbent provides technical assistance to professional Cartographers in connection with the construction or revision of maps and charts. Work involves the solution of technical problems that require primarily the application of a practical knowledge of the methods and techniques by which maps and charts are constructed. The Cartographic Technician performs any, or a combination of duties such as: collecting, evaluating and selecting source materials, compiling information from source materials and developing a plan for using the information in accordance with product specifications. Duties could involve obtaining reliable measurements of earth's surface features such as elevations and distances from photographs by using photogram metric techniques and equipment, using drafting tools and automated equipment to make maps and charts, assembling aerial photographs into mosaics, and reviewing and editing map and chart manuscripts.	None	0
87	Drafter/CAD Operator I	This operator prepares drawings or computer models of simple, easily visualized structures, systems, parts or equipment from sketches or marked-up prints, selects appropriate templates/computer programs or uses a compass and other equipment needed to complete assignments. Drawings and models fit familiar patterns and present few technical problems. Supervisor provides detailed instructions on new assignments, gives guidance when questions arise, and reviews completed work for accuracy. Typical assignments include: a. Revisions to the original drawings of a plumbing system by increasing pipe diameters. b. Drawing from sketches, the building floor plans, determining size, spacing and arrangement of freehand lettering according to scale. c. Drawing simple land profiles from predetermined structural dimensions and reduced survey notes. d. Tracing river basin maps and enters symbols to denote stream sampling locations, municipal and industrial waste discharges, and water supplies. e. Preparing a computer model of a room, building, structure from data, prints, photos.	None	0
88	Drafter/CAD Operator II	This operator prepares various drawings computer models of such units as construction projects or parts and assemblies, including various views, sectional profiles, irregular or reverse curves, hidden lines, and small or intricate details. Work requires use of most of the conventional drafting and CAD techniques and a working knowledge of the terms and procedures of the occupation. The Draft/CAD Operator II makes arithmetic computations using standard formulas. Familiar or recurring work is assigned in general terms. Unfamiliar assignments include information on methods, procedures, sources of information, and precedents to follow. Simple revisions to existing drawings or computer models may be assigned with a verbal explanation of the desired results. More complex revisions are produced from sketches, computer models or specifications that clearly depict the desired product.	None	3

		<p>Typical assignments include: a. Preparing several views of a simple gear system from a layout and manual references and obtaining dimensions and tolerances from manuals and by measuring the layout. b. Preparing and revising detail and design drawings for such projects as the construction and installation of electrical or electronic equipment, plant wiring, and the manufacture and assembly of printed circuit boards. Drawings typically include details of mountings, frames, guards, or other accessories; conduit layouts; or wiring diagrams indicating transformer sizes, conduit locations and mountings. c. Drawing base and elevation views, sections, and details of new bridges or other structures, revising complete sets of roadway drawings for highway construction projects, or preparing block maps, indicating water and sewage line locations.</p>		
89	Drafter/CAD Operator III	<p>This operator prepares complete sets of complex drawings or computer models that include multiple views, detail drawings, and assembly drawings. Drawings or models include complex design features that require considerable drafting skill to visualize and portray. Assignments regularly require the use of mathematical formulas to draw land contours or to compute weights, center of gravity, load capacities, dimensions, quantities of material, etc. The Draft/CAD Operator works from sketches, computer models, and verbal information supplied by an engineer, architect, or designer to determine the most appropriate views, detail drawings, and supplementary information needed to complete assignments. This operator selects required information from computer programs, and internet sites, precedents, manufacturers' catalogs, and technical guides. This operator independently resolves most of the problems encountered. Supervisor or design originator may suggest methods of approach or provide advice on unusually difficult problems.</p> <p>Typical assignments include: a. Prepares complete sets of drawings of test equipment to be manufactured from layouts, models, or sketches. Several cross-sectional and subassembly drawings are required. From information supplied by the design originator and from technical handbooks and manuals, this operator describes dimensions, tolerances, fits, fabrication techniques, and standard parts to use in manufacturing the equipment. b. From electronic schematics, information as to maximum size, and manuals giving dimensions of standard parts, determines the arrangement and prepares drawing of printed circuit boards. c. From precedents, drafting standards, and established practices, prepares final construction drawings for floodgates, navigation locks, dams, bridges, culverts, levees, channel excavations, dikes and berms, prepares boring profiles, typical cross-sections, and land profiles; and delineates related topographical details as required. d. Prepares final drawings for street paving and widening or for water and sewer lines having complex trunk lines; reduces field notes and calculates true grades. From engineering designs, lays out plan, profile and detail appurtenances required; and notifies supervisor of conflicting details in design. Excludes drafter performing work of similar difficulty to that described at this level but who provides support for a variety of organizations that have widely differing functions or requirements.</p>	None	5
90	Drafter/CAD Operator IV	<p>This operator works closely with design originators, preparing drawings or computer models of unusual, complex, or original designs that require a high degree of precision, performs unusually difficult assignments requiring considerable initiative, resourcefulness, and drafting expertise. This incumbent assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced, exercises</p>	None	8

		independent judgment in selecting and interpreting data based on knowledge of the design intent. Although working primarily as a drafter, this worker may occasionally interpret general designs prepared by others to complete minor details, may provide advice and guidance to lower level drafters or serve as coordinator and planner for large and complex drafting projects.		
91	Engineering Technician I	This technician performs simple routine tasks under close supervision or from detailed procedures. Work is checked in progress or on completion. This person performs one or a combination of such typical duties as: a. Assembling or installing equipment or parts requiring simple wiring, soldering, or connecting. b. Performing simple or routine tasks or tests such as tensile or hardness tests; operating and adjusting simple test equipment; records test data. c. Gathering and maintaining specified records of engineering data such as tests, drawings, etc.; performing computations by substituting numbers in specified formulas; plotting data and draws simple curves and graphs.	None	0
92	Engineering Technician II	The Engineering Technician II performs standardized or prescribed assignments involving a sequence of related operations, follows standard work methods on recurring assignments but receives explicit instructions on unfamiliar assignments. Technical adequacy of routine work is reviewed on completion; non-routine work may be reviewed in progress. This technician performs at this level, one or a combination of such typical duties as: a. Following specific instructions, assembles or constructs simple or standard equipment or parts, servicing or repairing simple instruments or equipment; b. Conducting a variety of tests using established methods, preparing test specimens, adjusting and operating equipment, recording test data, and pointing out deviations resulting from equipment malfunction or observational errors; c. Extracting engineering data from various prescribed but non-standardized sources, processing the data following well-defined methods including elementary algebra and geometry, and presenting the data in prescribed form.	None	3
93	Engineering Technician III	The Engineering Technician III performs assignments that are not completely standardized or prescribed, selects or adapts standard procedures or equipment, using fully applicable precedents, receives initial instructions, equipment requirements, and advice from supervisor or engineer as needed, performs recurring work independently. Work is reviewed for technical adequacy or conformity with instructions. This technician performs at this level one or a combination of such typical duties as: a. Constructing components, subunits, or simple models or adapts standard equipment; may troubleshoot and correct malfunctions; b. Following specific layout and scientific diagrams to construct and package simple devices and subunits of equipment. c. Conducting various tests or experiments which may require minor modifications in test setups or procedures as well as subjective judgments in measurement, selecting, preparing, and operating standard test equipment and records test data; d. Extracting and compiling a variety of engineering data from field notes, manuals, lab reports, etc., processing data, identifying errors or inconsistencies, selecting methods of data presentation. e. Assisting in design modification by compiling data related to design, specifications, and materials that are pertinent to specific items of equipment or component parts; developing information concerning previous operational failures and modifications, and using judgment and initiative to recognize inconsistencies or gaps in data and seek sources to clarify information.	None	5

94	Engineering Technician IV	The Engineering Technician III performs assignments that are not completely standardized or prescribed, selects or adapts standard procedures or equipment, using fully applicable precedents, receives initial instructions, equipment requirements, and advice from supervisor or engineer as needed, performs recurring work independently. Work is reviewed for technical adequacy or conformity with instructions. This technician performs at this level one or a combination of such typical duties as: a. Constructing components, subunits, or simple models or adapts standard equipment; may troubleshoot and correct malfunctions; b. Following specific layout and scientific diagrams to construct and package simple devices and subunits of equipment. c. Conducting various tests or experiments which may require minor modifications in test setups or procedures as well as subjective judgments in measurement, selecting, preparing, and operating standard test equipment and records test data; d. Extracting and compiling a variety of engineering data from field notes, manuals, lab reports, etc., processing data, identifying errors or inconsistencies, selecting methods of data presentation. e. Assisting in design modification by compiling data related to design, specifications, and materials that are pertinent to specific items of equipment or component parts; developing information concerning previous operational failures and modifications, and using judgment and initiative to recognize inconsistencies or gaps in data and seek sources to clarify information.	None	8
95	Engineering Technician V	This technician performs non-routine and complex assignments involving responsibility for planning and conducting a complete project of relatively limited scope or a portion of a larger and more diverse project, selects and adapts plans, techniques, designs, or layouts, contacts personnel in related activities to resolve problems and coordinate the work, reviews, analyzes, and integrates the technical work of others. Supervisor or professional engineer outlines objectives, requirements, and design approaches. Completed work is reviewed for technical adequacy and satisfaction of requirements. This incumbent may train and be assisted by lower level technicians, and performs one or a combination of the following: a. Designs, develops, and constructs major units, devices, or equipment; conducts tests or experiments; analyzes results and redesigns or modifies equipment to improve performance; and reports results. b. From general guidelines and specifications (e.g., size or weight requirements), develops designs for equipment without critical performance requirements that are difficult to satisfy such as engine parts, research instruments, or special purpose circuitry. Analyzes technical data to determine applicability to design problems; selects from several possible design layouts; calculates design data; and prepares layouts, detailed specifications, parts lists, estimates, procedures, etc. May check and analyze drawings or equipment to determine adequacy of drawings and design. c. Plans or assists in planning tests to evaluate equipment performance. Determines test requirements, equipment modification, and test procedures; conducts tests using all types of instruments; analyzes and evaluates test results, and prepares reports on findings and recommendations.	None	10
96	Engineering Technician VI	This technician independently plans and accomplishes complete projects or studies of broad scope and complexity, or serves as an expert in a narrow aspect of a particular field of engineering, e.g., environmental factors affecting electronic engineering. Complexity of assignments typically requires considerable creativity and judgment to devise approaches to accomplish work, resolve design and operational problems, and make	None	15

		<p>decisions in situations where standard engineering methods, procedures, and techniques may not be applicable. Supervisor or professional engineer provides advice on unusual or controversial problems or policy matters. Completed work is reviewed for compliance with overall project objectives. This worker may supervise or train and be assisted by lower level technicians, and performs, one or a combination of the following: a. Prepares designs and specifications for various complex equipment or systems (e.g., a heating system in an office building, or new electronic components such as solid state devices for instrumentation equipment). b. Plans approach to solve design problems; conceives and recommends new design techniques; resolves design problems with contract personnel, and assures compatibility of design with other parts of the system. c. Designs and coordinates test set-ups and experiments to prove or disprove the feasibility of preliminary design; uses untried and untested measurement techniques; and improves the performance of the equipment. May advise equipment users on redesign to solve unique operational deficiencies. d. Plans approach and conducts various experiments to develop equipment or systems characterized by (a) difficult performance requirements because of conflicting attributes such as versatility, size, and ease of operation; or (b) unusual combination of techniques or components. Arranges for fabrication of pilot models and determines test procedures and design of special test equipment.</p>		
97	Environmental Technician	<p>The Environmental Technician conducts tests and field investigations to obtain data for use by environmental, engineering and scientific personnel in determining sources and methods of controlling pollutants in air, water, and soil, utilizing knowledge of agriculture, chemistry, meteorology, and engineering principles and applied technologies. This worker conducts chemical and physical laboratory and field tests according to prescribed standards to determine characteristics or composition of solid, liquid, or gaseous materials and substances, using pH meter, chemicals, autoclaves, centrifuge spectrophotometer, microscope, analytical instrumentation, and chemical laboratory equipment.</p> <p>This worker collects samples of gases from smokestacks, and collects other air samples and meteorological data to assist in evaluation of atmospheric pollutants; collects water samples from streams and lakes, or raw, semi-processed or processed water, industrial waste water, or water from other sources to assess pollution problem, and collects soil, silt, or mud to determine chemical composition and nature of pollutants. This worker prepares sample for testing, records data, and prepares summaries and charts for review, sets monitoring equipment to provide flow of information, installs, operates, and performs routine maintenance on gas and fluid flow systems, chemical reaction systems, mechanical equipment, and other test instrumentation.</p> <p>This worker may operate fixed or mobile monitoring or data collection station, may conduct bacteriological or other tests related to research in environmental or pollution control activity, may collect and analyze engine exhaust emissions to determine type and amount of pollutants, and may specialize in one phase or type of environmental pollution or protection and be identified according to specialty.</p>	None	0
98	Shuttle Bus Driver	<p>(Van Driver) The Shuttle Bus Driver (Van Driver) drives minibus or van to transport clients, trainees, or company personnel; drives vehicle from individual or central loading area to social services or rehabilitation center, training location, job site, or other destination according to assigned schedule. This driver may assist</p>	None	0

		disabled passengers into and out of vehicle, secure passengers' wheelchairs to restraining devices to stabilize wheelchairs during trip; may operate radio or similar device to communicate with base station or other vehicles to report disruption of service, clean and/or service vehicle with fuel, lubricants, and accessories, keep records of trips and/or behavior of passengers, and perform other duties when not driving such as, custodial and building maintenance tasks		
99	Truckdriver Light	Straight truck, less than 1 1/2 tons, usually 4 wheels	None	0
100	Truckdriver Medium	Straight truck, 1 1/2 to 4 tons inclusive, usually 6 wheels.	None	0
101	Truckdriver Heavy	Straight truck, over 4 tons, usually 10 wheels.	None	0
102	Truckdriver Tractor-Trailer	A trailer has a set or several sets of wheels at the rear only, with the forward portion being supported by the truck tractor or towing vehicle.	None	0
103	Desk Clerk	The Desk Clerk performs any combination of the following duties for guests of hotel, motel, or other lodging facility: registers and assigns rooms to guests, issues and receives room keys, date-stamps, sorts, and racks incoming mail and messages; receives and transmits messages using equipment such as telephone switchboard, console, telegraph, and teletype, answers inquiries pertaining to establishment services, shopping, dining, entertainment, and travel directions, keeps records of room availability and guests' accounts, computes bills, collects payments, and makes changes for guests. The Desk Clerk makes and confirms room reservations, may post charges such as room, food, liquor, or telephone to casebooks by hand or machine, make restaurant, transportation, or entertainment reservations, and arrange for tours, may deposit guests' valuables in safe or safe-deposit box, and may sell tobacco, candy, and newspapers.	None	0

Labor Category Pricing

Item	SIN	Awarded Labor Category	Site	Year 1	Year 2	Year 3	Year 4	Year 5
1	561210FA C	Program Director	Both	\$141.61	\$145.15	\$148.78	\$152.50	\$156.31
2	561210FA C	Manager I	Both	\$88.00	\$90.20	\$92.45	\$94.77	\$97.14
3	561210FA C	Team Lead II	Both	\$65.18	\$66.81	\$68.48	\$70.20	\$71.95
4	561210FA C	Sr. Contracts Negotiator	Both	\$85.44	\$87.58	\$89.76	\$92.01	\$94.31
5	561210FA C	Contracts Administrator	Both	\$69.38	\$71.12	\$72.89	\$74.72	\$76.58
6	561210FA C	Sr Logistics Specialist II	Both	\$85.44	\$87.58	\$89.76	\$92.01	\$94.31
7	561210FA C	Logistics Specialist I	Both	\$65.17	\$66.80	\$68.47	\$70.18	\$71.93
8	561210FA C	Computer Systems Analyst I	Both	\$78.71	\$80.68	\$82.70	\$84.76	\$86.88
9	561210FA C	Computer Systems Analyst II	Both	\$85.28	\$87.41	\$89.60	\$91.84	\$94.13
10	561210FA C	Computer Systems Analyst III	Both	\$89.38	\$91.61	\$93.90	\$96.25	\$98.66
11	561210FA C	Data Entry Operator I**	Both	\$36.59	\$36.59	\$36.59	\$36.59	\$36.59
12	561210FA C	Data Entry Operator II**	Both	\$39.29	\$39.29	\$39.29	\$39.29	\$39.29
13	561210FA C	Production Control Clerk**	Both	\$52.41	\$52.41	\$52.41	\$52.41	\$52.41
14	561210FA C	Scheduler Maintenance**	Both	\$39.11	\$39.11	\$39.11	\$39.11	\$39.11
15	561210FA C	Supply Technician**	Both	\$67.38	\$67.38	\$67.38	\$67.38	\$67.38
16	561210FA C	Furniture Handler**	Both	\$32.03	\$32.03	\$32.03	\$32.03	\$32.03
17	561210FA C	Elevator Operator**	Both	\$31.04	\$31.04	\$31.04	\$31.04	\$31.04
18	561210FA C	Gardener**	Both	\$42.12	\$42.12	\$42.12	\$42.12	\$42.12
19	561210FA C	Janitor**	Both	\$31.04	\$31.04	\$31.04	\$31.04	\$31.04
20	561210FA C	Laborer Grounds Maintenance**	Both	\$33.26	\$33.26	\$33.26	\$33.26	\$33.26
21	561210FA C	Media Specialist I**	Both	\$51.92	\$51.92	\$51.92	\$51.92	\$51.92
22	561210FA C	Media Specialist III**	Both	\$62.95	\$62.95	\$62.95	\$62.95	\$62.95
23	561210FA C	Technical Order Library Clerk**	Both	\$45.01	\$45.01	\$45.01	\$45.01	\$45.01
24	561210FA C	Computer Operator I**	Both	\$40.63	\$40.63	\$40.63	\$40.63	\$40.63
25	561210FA C	Computer Operator II**	Both	\$44.63	\$44.63	\$44.63	\$44.63	\$44.63
26	561210FA C	Computer Operator III**	Both	\$48.90	\$48.90	\$48.90	\$48.90	\$48.90
27	561210FA C	Computer Operator IV**	Both	\$53.51	\$53.51	\$53.51	\$53.51	\$53.51
28	561210FA C	Computer Operator V**	Both	\$58.53	\$58.53	\$58.53	\$58.53	\$58.53
29	561210FA C	Machine-Tool Operator (Tool Room)**	Both	\$55.22	\$55.22	\$55.22	\$55.22	\$55.22

30	561210FA C	Tool And Die Maker**	Both	\$62.84	\$62.84	\$62.84	\$62.84	\$62.84
31	561210FA C	Forklift Operator**	Both	\$42.98	\$42.98	\$42.98	\$42.98	\$42.98
32	561210FA C	Material Coordinator**	Both	\$52.41	\$52.41	\$52.41	\$52.41	\$52.41
33	561210FA C	Material Expediter**	Both	\$52.41	\$52.41	\$52.41	\$52.41	\$52.41
34	561210FA C	Material Handling Laborer**	Both	\$31.63	\$31.63	\$31.63	\$31.63	\$31.63
35	561210FA C	Order Filler**	Both	\$33.85	\$33.85	\$33.85	\$33.85	\$33.85
36	561210FA C	Production Line Worker (Food Processing)**	Both	\$42.98	\$42.98	\$42.98	\$42.98	\$42.98
37	561210FA C	Shipping Packer**	Both	\$39.22	\$39.22	\$39.22	\$39.22	\$39.22
38	561210FA C	Shipping/Receiving Clerk**	Both	\$39.22	\$39.22	\$39.22	\$39.22	\$39.22
39	561210FA C	Tools And Parts Attendant**	Both	\$42.98	\$42.98	\$42.98	\$42.98	\$42.98
40	561210FA C	Warehouse Specialist**	Both	\$42.98	\$42.98	\$42.98	\$42.98	\$42.98
41	561210FA C	Appliance Mechanic**	Both	\$45.62	\$45.62	\$45.62	\$45.62	\$45.62
42	561210FA C	Carpenter Maintenance**	Both	\$47.64	\$47.64	\$47.64	\$47.64	\$47.64
43	561210FA C	Electrician Maintenance**	Both	\$58.22	\$58.22	\$58.22	\$58.22	\$58.22
44	561210FA C	Electronics Technician Maintenance I**	Both	\$61.45	\$61.45	\$61.45	\$61.45	\$61.45
45	561210FA C	Electronics Technician Maintenance II**	Both	\$64.80	\$64.80	\$64.80	\$64.80	\$64.80
46	561210FA C	Electronics Technician Maintenance III**	Both	\$67.87	\$67.87	\$67.87	\$67.87	\$67.87
47	561210FA C	Fire Alarm System Mechanic**	Both	\$52.62	\$52.62	\$52.62	\$52.62	\$52.62
48	561210FA C	Fire Extinguisher Repairer**	Both	\$45.13	\$45.13	\$45.13	\$45.13	\$45.13
49	561210FA C	Fuel Distribution System Mechanic**	Both	\$64.75	\$64.75	\$64.75	\$64.75	\$64.75
50	561210FA C	Fuel Distribution System Operator**	Both	\$52.36	\$52.36	\$52.36	\$52.36	\$52.36
51	561210FA C	General Maintenance Worker**	Both	\$46.60	\$46.60	\$46.60	\$46.60	\$46.60
52	561210FA C	Ground Support Equipment Mechanic**	Both	\$71.82	\$71.82	\$71.82	\$71.82	\$71.82
53	561210FA C	Ground Support Equipment Servicer**	Both	\$58.30	\$58.30	\$58.30	\$58.30	\$58.30
54	561210FA C	Ground Support Equipment Worker**	Both	\$61.55	\$61.55	\$61.55	\$61.55	\$61.55
55	561210FA C	Heating Ventilation And Air-Conditioning Mechanic**	Both	\$58.27	\$58.27	\$58.27	\$58.27	\$58.27
56	561210FA C	Heating Ventilation And Air Conditioning Mechanic (Research Facility)**	Both	\$60.99	\$60.99	\$60.99	\$60.99	\$60.99
57	561210FA C	Heavy Equipment Mechanic**	Both	\$57.23	\$57.23	\$57.23	\$57.23	\$57.23
58	561210FA C	Heavy Equipment Operator**	Both	\$48.53	\$48.53	\$48.53	\$48.53	\$48.53
59	561210FA C	Laboratory/Shelter Mechanic**	Both	\$54.03	\$54.03	\$54.03	\$54.03	\$54.03
60	561210FA C	Laborer**	Both	\$33.66	\$33.66	\$33.66	\$33.66	\$33.66
61	561210FA C	Locksmith**	Both	\$56.91	\$56.91	\$56.91	\$56.91	\$56.91
62	561210FA C	Machinery Maintenance Mechanic**	Both	\$58.20	\$58.20	\$58.20	\$58.20	\$58.20

63	561210FA C	Machinist Maintenance**	Both	\$53.31	\$53.31	\$53.31	\$53.31	\$53.31
64	561210FA C	Maintenance Trades Helper**	Both	\$39.48	\$39.48	\$39.48	\$39.48	\$39.48
65	561210FA C	Painter Maintenance**	Both	\$45.62	\$45.62	\$45.62	\$45.62	\$45.62
66	561210FA C	Pipefitter Maintenance**	Both	\$57.50	\$57.50	\$57.50	\$57.50	\$57.50
67	561210FA C	Plumber Maintenance**	Both	\$54.98	\$54.98	\$54.98	\$54.98	\$54.98
68	561210FA C	Pneudraulic Systems Mechanic**	Both	\$56.51	\$56.51	\$56.51	\$56.51	\$56.51
69	561210FA C	Rigger**	Both	\$57.08	\$57.08	\$57.08	\$57.08	\$57.08
70	561210FA C	Sheet-Metal Worker Maintenance**	Both	\$53.29	\$53.29	\$53.29	\$53.29	\$53.29
71	561210FA C	Small Engine Mechanic**	Both	\$43.39	\$43.39	\$43.39	\$43.39	\$43.39
72	561210FA C	Telecommunications Mechanic I**	Both	\$62.57	\$62.57	\$62.57	\$62.57	\$62.57
73	561210FA C	Telecommunications Mechanic II**	Both	\$65.50	\$65.50	\$65.50	\$65.50	\$65.50
74	561210FA C	Welder Combination Maintenance**	Both	\$50.20	\$50.20	\$50.20	\$50.20	\$50.20
75	561210FA C	Well Driller**	Both	\$47.67	\$47.67	\$47.67	\$47.67	\$47.67
76	561210FA C	Woodcraft Worker**	Both	\$56.51	\$56.51	\$56.51	\$56.51	\$56.51
77	561210FA C	Woodworker**	Both	\$45.13	\$45.13	\$45.13	\$45.13	\$45.13
78	561210FA C	Boiler Tender**	Both	\$66.47	\$66.47	\$66.47	\$66.47	\$66.47
79	561210FA C	Sewage Plant Operator**	Both	\$52.73	\$52.73	\$52.73	\$52.73	\$52.73
80	561210FA C	Stationary Engineer**	Both	\$66.47	\$66.47	\$66.47	\$66.47	\$66.47
81	561210FA C	Ventilation Equipment Tender**	Both	\$48.92	\$48.92	\$48.92	\$48.92	\$48.92
82	561210FA C	Water Treatment Plant Operator**	Both	\$52.73	\$52.73	\$52.73	\$52.73	\$52.73
83	561210FA C	Alarm Monitor**	Both	\$49.30	\$49.30	\$49.30	\$49.30	\$49.30
84	561210FA C	Recreation Specialist**	Both	\$45.75	\$45.75	\$45.75	\$45.75	\$45.75
85	561210FA C	Swimming Pool Operator**	Both	\$39.38	\$39.38	\$39.38	\$39.38	\$39.38
86	561210FA C	Civil Engineering Technician**	Both	\$55.20	\$55.20	\$55.20	\$55.20	\$55.20
87	561210FA C	Drafter/CAD Operator I**	Both	\$42.87	\$42.87	\$42.87	\$42.87	\$42.87
88	561210FA C	Drafter/CAD Operator II**	Both	\$47.12	\$47.12	\$47.12	\$47.12	\$47.12
89	561210FA C	Drafter/CAD Operator III**	Both	\$51.71	\$51.71	\$51.71	\$51.71	\$51.71
90	561210FA C	Drafter/CAD Operator IV**	Both	\$61.97	\$61.97	\$61.97	\$61.97	\$61.97
91	561210FA C	Engineering Technician I**	Both	\$47.69	\$47.69	\$47.69	\$47.69	\$47.69
92	561210FA C	Engineering Technician II**	Both	\$52.64	\$52.64	\$52.64	\$52.64	\$52.64
93	561210FA C	Engineering Technician III**	Both	\$58.07	\$58.07	\$58.07	\$58.07	\$58.07
94	561210FA C	Engineering Technician IV**	Both	\$70.16	\$70.16	\$70.16	\$70.16	\$70.16
95	561210FA C	Engineering Technician V**	Both	\$84.25	\$84.25	\$84.25	\$84.25	\$84.25

96	561210FA C	Engineering Technician VI**	Both	\$100.42	\$100.42	\$100.42	\$100.42	\$100.42
97	561210FA C	Environmental Technician**	Both	\$56.54	\$56.54	\$56.54	\$56.54	\$56.54
98	561210FA C	Shuttle Bus Driver**	Both	\$37.44	\$37.44	\$37.44	\$37.44	\$37.44
99	561210FA C	Truckdriver Light**	Both	\$37.44	\$37.44	\$37.44	\$37.44	\$37.44
100	561210FA C	Truckdriver Medium**	Both	\$40.02	\$40.02	\$40.02	\$40.02	\$40.02
101	561210FA C	Truckdriver Heavy**	Both	\$45.84	\$45.84	\$45.84	\$45.84	\$45.84
102	561210FA C	Truckdriver Tractor-Trailer**	Both	\$45.84	\$45.84	\$45.84	\$45.84	\$45.84
103	561210FA C	Desk Clerk**	Both	\$31.52	\$31.52	\$31.52	\$31.52	\$31.52

Service Contract Act Matrix

SCA Eligible Labor Category	SCA Equivalent Code	SCA Equivalent Title	WD
Data Entry Operator I	01051	Data Entry Operator I	2015-4282 Rev 14 7/16/2019
Data Entry Operator II	01052	Data Entry Operator II	2015-4282 Rev 14 7/16/2019
Production Control Clerk	01270	Production Control Clerk	2015-4282 Rev 14 7/16/2019
Scheduler Maintenance	01300	Scheduler Maintenance	2015-4282 Rev 14 7/16/2019
Supply Technician	01410	Supply Technician	2015-4282 Rev 14 7/16/2019
Furniture Handler	09040	Furniture Handler	2015-4282 Rev 14 7/16/2019
Elevator Operator	11060	Elevator Operator	2015-4282 Rev 14 7/16/2019
Gardener	11090	Gardener	2015-4282 Rev 14 7/16/2019
Janitor	11150	Janitor	2015-4282 Rev 14 7/16/2019
Laborer Grounds Maintenance	11210	Laborer Grounds Maintenance	2015-4282 Rev 14 7/16/2019
Media Specialist I	13061	Media Specialist I	2015-4282 Rev 14 7/16/2019
Media Specialist III	13063	Media Specialist III	2015-4282 Rev 14 7/16/2019
Technical Order Library Clerk	13090	Technical Order Library Clerk	2015-4282 Rev 14 7/16/2019
Computer Operator I	14041	Computer Operator I	2015-4282 Rev 14 7/16/2019
Computer Operator II	14042	Computer Operator II	2015-4282 Rev 14 7/16/2019
Computer Operator III	14043	Computer Operator III	2015-4282 Rev 14 7/16/2019
Computer Operator IV	14044	Computer Operator IV	2015-4282 Rev 14 7/16/2019
Computer Operator V	14045	Computer Operator V	2015-4282 Rev 14 7/16/2019
Machine-Tool Operator (Tool Room)	19010	Machine-Tool Operator (Tool Room)	2015-4282 Rev 14 7/16/2019
Tool And Die Maker	19040	Tool And Die Maker	2015-4282 Rev 14 7/16/2019
Forklift Operator	21020	Forklift Operator	2015-4282 Rev 14 7/16/2019



Material Coordinator	21030	Material Coordinator	2015-4282 Rev 14 7/16/2019
Material Expediter	21040	Material Expediter	2015-4282 Rev 14 7/16/2019
Material Handling Laborer	21050	Material Handling Laborer	2015-4282 Rev 14 7/16/2019
Order Filler	21071	Order Filler	2015-4282 Rev 14 7/16/2019
Production Line Worker (Food Processing)	21080	Production Line Worker (Food Processing)	2015-4282 Rev 14 7/16/2019
Shipping Packer	21110	Shipping Packer	2015-4282 Rev 14 7/16/2019
Shipping/Receiving Clerk	21130	Shipping/Receiving Clerk	2015-4282 Rev 14 7/16/2019
Tools And Parts Attendant	21210	Tools And Parts Attendant	2015-4282 Rev 14 7/16/2019
Warehouse Specialist	21410	Warehouse Specialist	2015-4282 Rev 14 7/16/2019
Appliance Mechanic	23110	Appliance Mechanic	2015-4282 Rev 14 7/16/2019
Carpenter Maintenance	23130	Carpenter Maintenance	2015-4282 Rev 14 7/16/2019
Electrician Maintenance	23160	Electrician Maintenance	2015-4282 Rev 14 7/16/2019
Electronics Technician Maintenance I	23181	Electronics Technician Maintenance I	2015-4282 Rev 14 7/16/2019
Electronics Technician Maintenance II	23182	Electronics Technician Maintenance II	2015-4282 Rev 14 7/16/2019
Electronics Technician Maintenance III	23183	Electronics Technician Maintenance III	2015-4282 Rev 14 7/16/2019
Fire Alarm System Mechanic	23290	Fire Alarm System Mechanic	2015-4282 Rev 14 7/16/2019
Fire Extinguisher Repairer	23310	Fire Extinguisher Repairer	2015-4282 Rev 14 7/16/2019
Fuel Distribution System Mechanic	23311	Fuel Distribution System Mechanic	2015-4282 Rev 14 7/16/2019
Fuel Distribution System Operator	23312	Fuel Distribution System Operator	2015-4282 Rev 14 7/16/2019
General Maintenance Worker	23370	General Maintenance Worker	2015-4282 Rev 14 7/16/2019
Ground Support Equipment Mechanic	23380	Ground Support Equipment Mechanic	2015-4282 Rev 14 7/16/2019
Ground Support Equipment Servicer	23381	Ground Support Equipment Servicer	2015-4282 Rev 14 7/16/2019
Ground Support Equipment Worker	23382	Ground Support Equipment Worker	2015-4282 Rev 14 7/16/2019
Heating Ventilation And Air-Conditioning Mechanic	23410	Heating Ventilation And Air-Conditioning Mechanic	2015-4282 Rev 14 7/16/2019
Heating Ventilation And Air Contidioning Mechanic (Research Facility)	23411	Heating Ventilation And Air Contidioning Mechanic (Research Facility)	2015-4282 Rev 14 7/16/2019
Heavy Equipment Mechanic	23430	Heavy Equipment Mechanic	2015-4282 Rev 14 7/16/2019
Heavy Equipment Operator	23440	Heavy Equipment Operator	2015-4282 Rev 14 7/16/2019
Laboratory/Shelter Mechanic	23465	Laboratory/Shelter Mechanic	2015-4282 Rev 14 7/16/2019
Laborer	23470	Laborer	2015-4282 Rev 14 7/16/2019
Locksmith	23510	Locksmith	2015-4282 Rev 14 7/16/2019
Machinery Maintenance Mechanic	23530	Machinery Maintenance Mechanic	2015-4282 Rev 14 7/16/2019
Machinist Maintenance	23550	Machinist Maintenance	2015-4282 Rev 14 7/16/2019

Maintenance Trades Helper	23580	Maintenance Trades Helper	2015-4282 Rev 14 7/16/2019
Painter Maintenance	23760	Painter Maintenance	2015-4282 Rev 14 7/16/2019
Pipefitter Maintenance	23790	Pipefitter Maintenance	2015-4282 Rev 14 7/16/2019
Plumber Maintenance	23810	Plumber Maintenance	2015-4282 Rev 14 7/16/2019
Pneudraulic Systems Mechanic	23820	Pneudraulic Systems Mechanic	2015-4282 Rev 14 7/16/2019
Rigger	23850	Rigger	2015-4282 Rev 14 7/16/2019
Sheet-Metal Worker Maintenance	23890	Sheet-Metal Worker Maintenance	2015-4282 Rev 14 7/16/2019
Small Engine Mechanic	23910	Small Engine Mechanic	2015-4282 Rev 14 7/16/2019
Telecommunications Mechanic I	23931	Telecommunications Mechanic I	2015-4282 Rev 14 7/16/2019
Telecommunications Mechanic II	23932	Telecommunications Mechanic II	2015-4282 Rev 14 7/16/2019
Welder Combination Maintenance	23960	Welder Combination Maintenance	2015-4282 Rev 14 7/16/2019
Well Driller	23965	Well Driller	2015-4282 Rev 14 7/16/2019
Woodcraft Worker	23970	Woodcraft Worker	2015-4282 Rev 14 7/16/2019
Woodworker	23980	Woodworker	2015-4282 Rev 14 7/16/2019
Boiler Tender	25010	Boiler Tender	2015-4282 Rev 14 7/16/2019
Sewage Plant Operator	25040	Sewage Plant Operator	2015-4282 Rev 14 7/16/2019
Stationary Engineer	25070	Stationary Engineer	2015-4282 Rev 14 7/16/2019
Ventilation Equipment Tender	25190	Ventilation Equipment Tender	2015-4282 Rev 14 7/16/2019
Water Treatment Plant Operator	25210	Water Treatment Plant Operator	2015-4282 Rev 14 7/16/2019
Alarm Monitor	27004	Alarm Monitor	2015-4282 Rev 14 7/16/2019
Recreation Specialist	28515	Recreation Specialist	2015-4282 Rev 14 7/16/2019
Swimming Pool Operator	28690	Swimming Pool Operator	2015-4282 Rev 14 7/16/2019
Civil Engineering Technician	30040	Civil Engineering Technician	2015-4282 Rev 14 7/16/2019
Drafter/CAD Operator I	30061	Drafter/CAD Operator I	2015-4282 Rev 14 7/16/2019
Drafter/CAD Operator II	30062	Drafter/CAD Operator II	2015-4282 Rev 14 7/16/2019
Drafter/CAD Operator III	30063	Drafter/CAD Operator III	2015-4282 Rev 14 7/16/2019
Drafter/CAD Operator IV	30064	Drafter/CAD Operator IV	2015-4282 Rev 14 7/16/2019
Engineering Technician I	30081	Engineering Technician I	2015-4282 Rev 14 7/16/2019
Engineering Technician II	30082	Engineering Technician II	2015-4282 Rev 14 7/16/2019
Engineering Technician III	30083	Engineering Technician III	2015-4282 Rev 14 7/16/2019
Engineering Technician IV	30084	Engineering Technician IV	2015-4282 Rev 14 7/16/2019
Engineering Technician V	30085	Engineering Technician V	2015-4282 Rev 14 7/16/2019
Engineering Technician VI	30086	Engineering Technician VI	2015-4282 Rev 14 7/16/2019

Environmental Technician	30090	Environmental Technician	2015-4282 Rev 14 7/16/2019
Shuttle Bus Driver	31290	Shuttle Bus Driver	2015-4282 Rev 14 7/16/2019
Truckdriver Light	31361	Truckdriver Light	2015-4282 Rev 14 7/16/2019
Truckdriver Medium	31362	Truckdriver Medium	2015-4282 Rev 14 7/16/2019
Truckdriver Heavy	31363	Truckdriver Heavy	2015-4282 Rev 14 7/16/2019
Truckdriver Tractor-Trailer	31364	Truckdriver Tractor-Trailer	2015-4282 Rev 14 7/16/2019
Desk Clerk	99050	Desk Clerk	2015-4282 Rev 14 7/16/2019

States: District of Columbia, Maryland, Virginia

Counties: Calvert, Charles, Prince George's, Alexandria, Arlington, Fairfax, Falls Church, Fauquier, Loudoun, Manassas, Manassas Park, Prince William, Stafford

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (**) SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices awarded are in line with the geographic scope of this contract (i.e. nationwide).