AUBURN
Human Resources

Tech III, Utility Services

Job Description

JOB INFORMATION

Job Code	AC23
Job Description Title	Tech III, Utility Services
Pay Grade	ST14
Range Minimum	$50,890
33rd %	$61,070
Range Midpoint	$66,150
67th %	$71,240
Range Maximum	$81,420
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	9/13/2023

JOB FAMILY AND FUNCTION

Job Family:	Production & Skilled Trades
Job Function:	Utilities

JOB SUMMARY

Under minimal supervision, performs and leads complex classes of workassociated with the installation, operation, and maintenance of domestic water, natural gas, storm water, and sanitary sewer utility systems on campus. Additional tasks include underground utility locate services, data gathering for mapping all underground utilities, conducting inspections, performing minor repairs, and installation/maintenance of utility meters.

RESPONSIBILITIES

- Uses electronic devices to locate underground utilities under the most complex conditions. Uses utility maps as reference and provides color coded markings on the ground to define location. Handles the utilities that are deep, embedded in buildings and concrete, in conflict with other utilities, and in heavily congested sites on campus independently. Assists contractors with problem resolution and makes recommendations prior to excavation work. Communicates with excavator site personnel as necessary to provide additional information. Must be able to read and understand utility maps, civil and survey drawings. Collects data,, maps, and documents installations of the utility infrastructure. Performs work using advanced line locate and GPS instruments, computers, tablets, and smart phones. Should have a thorough understanding of line locate methods and utilities installed on the campus and be able to perform the most difficult locates accurately and completely. Communicates with Project Managers, Superintendent of project and other contractor personnel to provide recommendations, discuss requirements, schedule, and status of work.
- Supports the installations of new utilities on campus. Involves working with contractors to help resolve unexpected conflicts and questions when encountering unknown utilities during excavation. Involves inspecting and documenting damage caused by excavation, making repair recommendations and monitoring the repair plan. Can act independently in filed with only most complex problems referred to the supervisor for resolution.
- Responds to emergency or unusual conditions in water, gas, sanitary, and storm systems by inspecting the site and determining action necessary to eliminate any risk to the public or prevent damage to assets. Typical events would be observed leaks, overflows, or backups. Takes independent action when conditions warrant. If safety is a concern, decides whether to shut gas or water off independently; takes appropriate action per best judgement; requests assistance as needed to properly address emergency. Reports to supervisor and recommends additional action where necessary. Coordinate support resources as necessary and provides status updates on correction.
- Supports the Utility Services metering and billing process. Reads meters and records consumption, documents meter installations troubleshoots, and resolves problems. Requires knowledge of meter setup and meter reading methods. Works with meter manufacturers and AMR suppliers to resolve the most complex problems. Works independently to accomplish task and only refers the most complex issues to supervisor.

RESPONSIBILITIES

- Assists with system inspections to determine asset conditions and develop designs for additions and improvements. Assists higher level technicians with use of a sewer camera. Assist contractor inspectors with access to manholes and pipes as needed. Makes recommendations when deficiencies are observed.
- Assists in resolving problems with installation of new utilities for construction projects on campus. Identifies variances, works with contractors, project managers, and others to resolve. Serves as a quality control point for utilities on campus. Review drawings and makes sure work is installed as designed. Provides on-site guidance for the resolution of utility conflicts and communicates to project managers on the status and deficiencies identified.
- Reviews designs for utility additions and identifies variance to university standards, governing codes and standards, and university best practices. Recommends changes for design team consideration. Discusses recommendations with the design team as needed and helps evaluate options with variances if needed. Required to review drawings and make comments in platforms such as Blue Beam. May also attend and participate in design review sessions with the design project team.
- Conducts preventative maintenance activities on gas and water systems. Includes locating and inspecting valves, hydrants, meter boxes and verifying proper valve operation. Develops schedule and implementation plan for PM's and provides guidance to other Utility Technicians for accomplishment of the work. Typically requires opening and closing valves, inspecting manholes, minor repairs, painting, cleaning, lubricating, and adjusting. Requires use of maintenance management system to identify activities, and document findings. PM work orders and assigned tasks are completed without direct supervision.

The responsibilities listed above show the typical duties for jobs in this classification. Actual tasks may differ depending on the department's needs. Other similar duties may be assigned with discretion of the supervisor. Not every duty will apply to every position, and the amount of time spent on each task can change based on department needs.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

MINIMUM QUALIFICATIONS

To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.

MINIMUM EDUCATION & EXPERIENCE

Education Level	Focus of Education		Years of Experience	Focus of Experience	
Associate's Degree	Associates degree in related technical field is required.	and	8 years of	Experience in installation, maintenance, and operation of utility systems; the use of electronic line locating devices and GPS equipment; design and operation on natural gas, domestic water systems, and proper isolation techniques; water and gas metering systems including automatic meter reading and programing systems.	

Substitutions Allowed for Education	Yes
Substitution allowed for Education: When a candidate has the required experience, but lacks the required education, they may normally apply additional relevant experience toward the education requirement, at a rate of two (2) years relevant experience per year of required education.	
Substitutions Allowed for Experience	Yes
Substitution allowed for Experience: When a candidate has the required education, but lacks the required experience, they may normally apply additional appropriate education toward the experience requirement, at a rate of one (1) year relevant education per year of required experience.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
DL NUMBER - Driver License, Valid and in State	Valid Drivers License	Upon Hire	Required	
Other	Staking University Locate Certification of Locate Competence (Four Modules) 1. The Basics 2. Creating the Curcuit 3. Analyze 4. Near Myths		Required	
Other	National Association of Sewer Service Companies(NASSCO): Pipeline Assessment		Required	
Other	National Association of Sewer Service Companies (NASSCO): Manhole Assessment		Required	

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Labor & Trades

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing					X	
Walking					X	
Sitting		X				
Lifting				X		100 pounds
Climbing			X			
Stooping/ Kneeling/ Crouching				X		
Reaching				X		
Talking					X	
Hearing					X	
Repetitive Motions					X	
Eye/Hand/Foot Coordination					X	

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Extreme temperatures				X	
Hazards					X
Wet and/or humid			X		
Noise					X
Chemical			X		
Dusts			X		
Poor ventilation			X		

Vision Requirements:

Ability to see information in print and/or electronically.