AUBURN
Human Resources

Tech III, Irrigation

Job Description

JOB INFORMATION

Job Code	NA37
Job Description Title	Tech III, Irrigation
Pay Grade	FM10
Range Minimum	$37,800
33rd %	$44,100
Range Midpoint	$47,250
67th %	$50,400
Range Maximum	$56,700
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	12/15/2022

JOB FAMILY AND FUNCTION

Job Family:	Facilities, Maintenance, & Operations
Job Function:	Grounds

JOB SUMMARY

Under limited supervision, performs a variety of advanced repairs, installations, and maintenance for all irrigation systems associated with Auburn University including central control smart irrigation systems.

RESPONSIBILITIES

- Performs complex electrical troubleshooting, repairs, and preventative and routine maintenance on irrigation systems.
- Operates machinery required to install and maintain irrigation systems including, but not limited to, mini excavators, trenchers, small boring machines, and small utility tractors.
- Assists with University landscape projects by providing irrigation system support.
- Determines the appropriate amount of water required for irrigation by calculating flowrates (GPM) and water pressure (PSI).
- Schedules the watering of all irrigated areas around campus according to season, weather, and campus events.
- Programs all irrigation controllers, including smart controllers, so that water is distributed on an as needed basis.
- Installs new irrigation systems through trenching, wiring, and valve box digging.
- Designs new irrigation systems by mapping zones, determining pipe and line sizes, and selecting the appropriate components.
- Installs, oversees, and maintains network-based central control irrigation systems. Interprets flow rates master valves and control data to detect leaks, monitors soil moister levels, and ensures water conservation.
- May be responsible for meeting and maintaining training and certification requirements as outlined by the applicable department's training and credentialing requirements.

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	
High School Diploma or GED	High school diploma or equivalent.	and	4 years of	Experience specifically in irrigation installation, including at least 2 years as the previous level or equivalent.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of software, programs, and technical systems relating to irrigation systems.	
Knowledge of the parts and pieces of irrigation technology, pipes, and controllers.	
Working knowledge of 2-wire irrigation systems and components.	
Knowledge of water pressure and flow rates.	
Understanding of complex hydraulics.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
DL NUMBER - Driver License, Valid and in State	Any State	Upon Hire	Required	And
	Irrigation Association (IA)	Upon Hire	Required	And
	Irrigation Technician Certification (CIT).	Upon Hire	Required	

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Other

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing					X	
Walking			X			
Sitting			X			
Lifting	X					
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 cold				X	
Extreme heat				X	
Humidity				X	
Wet				X	
Noise				X	
Hazards				X	
Temperature Change				X	
Atmospheric Conditions				X	
Vibration				X	

Vision Requirements:
Ability to see information in print and/or electronically.