AUBURN
Human Resources

Tech II, Plant Operations

Job Description

JOB INFORMATION

Job Code	ND14
Job Description Title	Tech II, Plant Operations
Pay Grade	ST13
Range Minimum	$46,260
33rd %	$55,510
Range Midpoint	$60,140
67th %	$64,770
Range Maximum	$74,020
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	8/9/2019

JOB FAMILY AND FUNCTION

Job Family:	Production & Skilled Trades
Job Function:	Utilities

JOB SUMMARY

Under general supervision, responsible for performing the routine installation, replacement, or repair to a variety of district energy plant and distribution system equipment.

RESPONSIBILITIES

- Performs routine installation, replacement, or repair of district energy plant and distribution system equipment including chillers, boilers, pumps, motors, valves, valve actuators, variable frequency drives, air compressors, air dryers, cooling tower fans, gear boxes, steam manifolds, steam traps, refrigeration monitoring units, air handling units, water filtration systems, and fuel oil systems.
- Performs routine and moderately complex maintenance of energy plant electrical equipment and power systems to include electrical service panels, interior electrical distribution systems, lighting systems, motors, pumps, fans, air conditioning equipment, and heating equipment. Work involves voltages up to 480 volts and three phase power.
- Inspects and troubleshoots district energy systems and their components (e.g. chillers, boilers, valves, valve actuators, flow meters, etc.) for the purpose of evaluating operating status and material condition, identifying necessary repairs, and recommending a proper course of action.
- Oversees and plans assigned work orders using the Facilities Management AIM work order system to prioritize and schedule work to best meet the needs of Auburn University and its customers. Identifies options, develops solutions, and takes action when responding to customer requests.
- Will be responsible for meeting and maintaining training and certification requirements as outlined by the Auburn University Facilities Management Policy: "Training, Education, and Certification Requirements for Mechanical and Electrical Trades Personnel".
- May be required to serve in an on-call status and remain work-ready when scheduled for an on-call period or rotation. Work-ready status requires an employee to return to the worksite within forty-five minutes while being physically and mentally unimpaired and fit for duty, able to safely perform all essential job functions with no risk to self, coworkers, students, public, or property.

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	
Some college; vocational or Associate's Degree	Heating, Ventilating, and Air Conditioning systems, refrigeration, building control systems, electrical technology, electrical construction, or other related fields. Associate's degree preferred.	and	5 years of	Experience in installation, maintenance, repair, and operation of a wide array of common plant system components.	

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.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Journeyman level knowledge regarding the installation, maintenance, repair, and proper operation of a wide array of complex district energy systems.	
Journeyman level knowledge regarding a wide array of complex district energy systems components, such as chillers, boilers, variable frequency drives, valves, valve actuators, and flow meters.	
Journeyman level knowledge regarding troubleshooting, assessment, and diagnostic techniques for complex district energy heating and cooling systems problems.	
Journeyman level knowledge regarding project management and the planning, scheduling, and overseeing of district energy system repair projects.	
Journeyman level knowledge of HVAC and BAS control systems and the ability to install, repair, and replace control components.	
Knowledge of motor or equipment control systems and the ability to install, repair, and replace control components.	
Knowledge regarding troubleshooting, assessment, and diagnostic techniques for routine energy plant electric systems problems.	
Knowledge regarding the use of building automation systems, such as Johnson Controls Metasys system, to find and troubleshoot issues.	
Knowledge of fire alarm and refrigerant alarm systems and how they interact with both district energy plant electrical systems and automated heating and cooling system operations and controls.	
Supervisory skills along with the ability to communicate tasks and direction to subordinates in a clear and concise manner.	
Ability to install, repair, and/or replace a wide array of district energy system components such as chillers, boilers, variable frequency drives, valves, valve actuators, and flow meters.	
Ability to troubleshoot, assess, and diagnose routine district energy heating and cooling systems problems.	
Ability to assist in planning and executing district energy system repair projects.	
Ability to install, repair, and replace district energy system control components.	
Ability to install, maintain, and repair a wide array of common electrical systems.	
Ability to troubleshoot, assess, and diagnose heating and cooling plant electric systems problems.	
Ability to install, repair, and replace heating and cooling plant equipment control components.	
Ability to install, repair, and replace digital control components.	
Ability to use building automation systems, such as Johnson Controls Metasys systems, to find and troubleshoot issues.	

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
	Universal Refrigerant Card	within 180 Days	Required	And
	NIULPE 5th Class Certification	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		50-100 lbs
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.