AUBURN
Human Resources

Electrician II

Job Description

JOB INFORMATION

Job Code	ND08
Job Description Title	Electrician II
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
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JOB FAMILY AND FUNCTION

Job Family:	Production & Skilled Trades
Job Function:	Electrical Technology

JOB SUMMARY

Under general supervision, provides journeyman level skills and expertise regarding a wide array of building electrical systems and their associated components to accomplish complex maintenance, repair, and installation tasks.

RESPONSIBILITIES

- Performs routine and moderately complex maintenance and repairs on all building internal electrical systems and building controls, to include 120V internal building power distribution systems, fluorescent and specialty lighting systems, service panels, feeders, branch circuits and specialized electrical systems such as lighting controls, generators, emergency and standby power systems, fire alarms, motor controls, generators, pumps, fans, air conditioning equipment, heating equipment, and laboratory equipment. Work involves voltages up to 480 volts and three phase power. Trouble shoots, assesses, and diagnoses systems problems and executes repairs as needed.
- Performs routine and moderately complex maintenance and repairs on all external building electrical power supply systems and controls, to include building electrical service feeders and associated electrical service panels, breakers, disconnects, and switches. Troubleshoots, assesses, and diagnoses system problems and executes repairs as needed.
- Performs routine and moderately complex installations of electrical equipment and power systems to include electrical service panels, interior electrical distribution systems, lighting systems, motors, generators, pumps, fans, air conditioning equipment, heating equipment, and laboratory equipment. Work involves voltages up to 480 volts and three phase power.
- Training, education, and certification requirements for career progression within this job family are governed by the Auburn University Facilities Management Policy: Training, Education, and Certification Requirements for 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 be 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 when called upon.
- Maintains responsibility for personal safety and the safety of others by following established safety procedures, using required personal protective equipment, identifying and reporting unsafe conditions, and completing required safety training.

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	Electrical Technology, Electrical Construction, Digital Electronics or similar fields related to electrical systems.	and	5 years of	Experience in installation, maintenance, repair, and operation of a wide array of common electrical 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

Advanced knowledge of the National Electric Code.	
Knowledge regarding the installation, maintenance, repair, and proper operation of a wide array of electrical systems.	
Knowledge regarding a wide array of electrical systems components such as building service electrical feeder systems, building service panels, interior building electrical distribution systems, motors, motor control centers, generators, automatic switchgear, transformers, temporary power systems, fire alarms, low voltage digital control systems, multiphase power, variable frequency drives, and heat exchangers.	
Knowledge regarding troubleshooting, assessment, and diagnostic techniques for routine and non-building electric system problems.	
Knowledge regarding project management and the planning, directing, scheduling, and managing of electrical system repair projects.	
Knowledge of motor or equipment control systems and the ability to install, repair, and replace control components.	
Knowledge in the use of the electrical system monitoring, measurement, and diagnostics equipment and the ability to accurately use such equipment.	
Knowledge regarding the use of building automation systems (such as Johnson Controls Metasys system) to find and troubleshoot issues.	
Knowledge of fire alarm systems and how they interact with both building electrical systems and HVAC system operations and controls.	
Supervisory skills, along with the ability to communicate tasks and direction to subordinates in a clear and concise manner.	
The ability to install, maintain, repair a wide array of common electrical systems.	
The ability to install, maintain, repair, and replace a wide array of electrical system components such as building service electrical feeder systems, building service panels, interior building electrical distribution systems, motor, motor control centers, generators, automatic switchgear, transformers, temporary power systems, fire alarms, low voltage digital control systems, multiphase power, variable frequency drives, and heat exchanges.	
The ability to troubleshoot, assess, and diagnose building electric systems problems.	
The ability to lead an emergency repair response to small to medium building electrical problems.	
The ability to assist in planning, directing, scheduling major electrical repair or installation projects to ensure successful execution.	
The ability to install, repair, replace electrical equipment control components.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

The ability to use electrical system monitoring, measurement, and diagnostics equipment and the ability to accurately use such equipment.	
The ability to install, repair, and maintain fire alarm systems and ensure they interact properly with both building electrical systems and HVAC system operations and controls.	
Ability to utilize and learn technology systems, software applications, computers, tablets, and mobile devices to receive assignments, document work activities, access information, and communicate effectively in support of assigned duties.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
DL NUMBER - Driver License, Valid and in State		Upon Hire	Required	
	State of Alabama Electrician Journeyman's License. If Journeyman's License is registered in another state, Alabama license must be obtained in the first 6 months of employment.	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

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Vibration					X

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