



Electrical Maintenance Technician

Job Summary

Responsible for planning, organizing, and performing preventative maintenance, repair, and inspections on electrical distribution panels, electrical circuits, interior and exterior lighting, perform general maintenance tasks on other equipment so that college is kept in a safe and well-maintained state in order to minimize problems and interruptions to the educational process.

RESPONSIBILITIES

Essential Duties and Responsibilities:

- Repair, maintain, alter, install and operate air delivery equipment, support components, heating and ventilating units that includes heating and cooling coils, cooling towers, pumps, and boilers.
- Use hydraulic excavators to install and making repairs on underground utilities.
- Install and maintain Variable Frequency Drives.
- Cut, thread, weld, and bend pipe, using hacksaw, pipe cutters, cutting torch, threading machine, and pipe bending machine.
- Check assigned buildings' unit heating and refrigeration systems daily and maintain equipment rooms.
- Operate, maintain, alter, and install mechanical refrigeration systems.
- Inspect, install, routine troubleshooting and repair piping fixtures and equipment including motorized valves, pressure- reducing valves, lift pumps, vacuum pumps, circulating pumps, sump pumps, air compressors, hot water heaters and commercial kitchen equipment.
- Lubricate fans, motors, and pumps, change filters and belts, clean coils and perform scheduled preventative maintenance.
- Test equipment loose connections, short circuits, or bad components using a voltmeter or Ohmmeter
- Check gauges and make inspections for preventive maintenance on all HVAC equipment.
- Install cabling and enclosure to expand Campus energy management system.
- Erect and work from ladders, scaffolding, boom trucks, and similar devices.
- Recommend requisition materials and parts.
- Size electrical panels, overhead and underground electrical services, and electrical circuits
- Interpret blueprints, sketches, and read schematic wiring diagrams.
- Make repairs in confined spaces and underneath buildings as required.
- Replace lighting ballasts and bulbs on lighting fixtures; replace breakers, run electrical conduit, make necessary electrical repairs.
- Install ground fault circuit interrupters (GFCI) and check systems for proper grounding.
- Locate and mark underground utilities.
- Prepare as built drawings of electrical systems, document job time and materials used.
- Install and Maintain pole lighting, outdoor walk lights, and safety lighting
- Change out electric motors on fans, pumps, aerators, and other equipment
- Provide technical support to other trades during special event setups.
- Provide technical support for proposed sustainability plan.
- Performs other duties as directed by the Director of Maintenance & Operations.

QUALIFICATIONS

- Applicant should possess an Associate Degree, License or Certificate in related field
- Applicant should possess five (5) years of experience in Commercial or Industrial Maintenance
- Niagara AX or Niagara 4 experience is a plus but not required
- Applicant should possess a Proper Refrigerant Usage Certificate
- Applicant should be skilled in the use of tools, equipment and machines related to installation repair & maintenance.
- Applicant should possess a valid Mississippi driver's license
- Applicant should possess good oral and written communication skills
- Applicant must be detail oriented, organized and able to multitask.
- Applicant must be able to work independently without supervision.
- Job occasionally requires sitting, stooping/kneeling/crouching/crawling, and lifting more than 100 pounds.
- Regularly involves lifting, bending or other physical exertion.
- Hazards associated with the trade
- Work involves exposure to one or more elements such as heat, cold, humidity, noise, dust, dirt, gases, fumes, chemicals, etc.

TERMS OF EMPLOYMENT – Full time 12-month, non-contractual position

SALARY – Based on educational background and work experience.

APPLICATION PROCEDURES

Applicants **MUST** submit the following to Human Resources

- MDCC Employment Application Form (Online Only)
- ***Official*** College Transcript(s) if applicable
- Current Resume
- Consent Form/Authority to Release Information Form

See MDCC website www.msdelta.edu/human-resources for application.

APPLICATION DEADLINE

Internal/External – Until Filled