

I & E Maintenance Technician (Journeyman Electrician)

Reports to: Maintenance Manager

Location: Jackson, Nebraska

Role Overview

The I&E Maintenance Technician is responsible for the installation, troubleshooting, and repair of critical electrical and instrumentation systems across the facility. This role ensures the reliability of industrial power distribution and process control equipment, including VFDs, motors, and sophisticated instrumentation. The ideal candidate is a safety-oriented professional with a valid Nebraska Journeyman License and strong leadership potential.

Key Responsibilities

- **Electrical Systems:** Install, maintain, and troubleshoot industrial power components, including 480v/120v systems, motor control centers (MCC), power distribution panels (PDP), VFDs, breakers, and motors.
- **Instrumentation & Controls:** Diagnose and repair fiber optics, Cat 5 networks, 4-20 mA voltage instrumentation, solenoids, valves, switches, and transmitters.
- **Routine Maintenance:** Perform inspections of orifice plates, regulators, and fittings; conduct odorant sniff tests and ensure the upkeep of boilers, cooling towers, and drying equipment.
- **Technical Leadership:** Accurately maintain maintenance records and documentation; provide technical training and guidance to other team members as needed.
- **Operational Excellence:** Follow all standard operating procedures (SOPs) and maintain high standards of housekeeping and sanitation in work areas.

Required Qualifications

- **Licensing:** Must possess a valid, non-restricted Journeyman Electrician License from the State of Nebraska with a minimum of 8,000 hours of verifiable experience.
- **Education:** High School Diploma or GED required. A 2-year technical degree or certification in Electrical Construction & Controls is highly preferred.
- **Technical Skills:** Proven experience with industrial machinery, including centrifuges, boilers, and pumps; basic computer proficiency for record-keeping. Will be required to assist with all millwright work as well. Includes conveyor work, gearbox, leg work, greasing, belts, bearings, etc.

- **Safety & Compliance:**
 - Strong commitment to safety protocols and a "safety-first" attitude.
 - Must be **clean-shaven** to ensure a proper seal for mandatory OSHA-compliant respiratory protection.
 - Valid driver's license.

Physical Requirements & Environment

- **Demands:** Ability to lift up to 60 lbs, climb ladders, and perform entries into permit-required confined spaces.
- **Activity:** Frequent walking, stooping, and reaching; precision work requiring strong manual dexterity and color vision.
- **Environment:** Work occurs in an industrial setting with exposure to varying weather conditions and moderate-to-high noise levels. Use of PPE (hard hats, safety glasses, hearing protection, gloves) is mandatory in designated areas.

Professional Attributes

- Self-motivated with a strong work ethic and logical problem-solving abilities.
- Excellent interpersonal and communication skills for effective team collaboration.
- Detail-oriented with a focus on accuracy and organizational efficiency.