**Mine Electrician**

**About BNI Coal**

BNI Coal Ltd., a wholly owned subsidiary of ALLETE (NYSE-ALE), owns and operates the Center Mine near Center, N.D. The Center Mine supplies approximately 4.5 million tons of lignite coal each year to fuel the nearby Milton R. Young steam electric generating station, Units I and II. The electricity produced from BNI's lignite lights up farms and businesses in Eastern North Dakota and Northern Minnesota.

**About the Job**

Reporting to the Dragline Maintenance Supervisor, the Mine Electrician’s duties include safely and efficiently performing electrical repairs and maintenance on all types of surface coal mining equipment and mine electrical infrastructure. *(Management reserves the right to add, subtract, or modify the responsibilities and qualifications at any time)*

 **General Responsibilities Include:**

* Perform electrical maintenance and repairs on mobile mining equipment, draglines, and mine infrastructure.
* Electrical testing and inspections.
* Other duties as required.

**Minimum Qualifications**

* Safety & Dependability – commits to safe work processes and takes responsibility for own actions.
* Associates Degree in an electrical or electronics related program.
* Valid driver’s license and 3 years work experience in an electrical field.
* Knowledge of the National Electrical Code
* Basic computer skills (Microsoft Outlook, Word, & Excel)
* Ability to understand colored schematics, read, speak, and understand the English language.
* Ability to work at heights on dragline booms and in a bucket truck.
* Operate equipment including boom trucks, basket trucks, lifts, hoists, and other equipment associated with electrical maintenance and repair.
* Ability to work outside in North Dakota weather conditions and regularly walk, stand, bend, stoop, squat, kneel, twist, crawl, lift (10lbs – 50lbs), reach, communicate, and balance. Must be able to physically access and work in all areas of the surface mine. The work environment and physical demands are typical for those encountered while performing the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
* Ability to work rotating shifts and utilize all designated safety gear including but not limited to full body harnesses, safety glasses, hardhats, and arc-flash protective gear.
* Proficient in the use of electrical test meters, instruments, computers, and recorders.

**Preferred Qualifications**

* MSHA electrical certification (Green Card)
* Prior experience working as a Mine Electrician at a surface coal or metals mine.
* Prior experience maintaining dragline or mining shovel electrical systems.
* Thorough knowledge of electrical theory including AC & DC systems and controls.
* Experience in AC distribution systems (Up to 69,000 kV)
* Experience in AC & DC systems, rotating motors and digital controls (480V – 7,200V)
* Experience troubleshooting and programming PLC systems.
* Advanced computer skills and experience with Microsoft Office suite and Computerized Maintenance Management Systems (CMMS).
* Logical problem solver who works well in group problem solving situations.
* Displays a willingness to make decisions and exhibits sound and accurate judgement.

**Wages and Benefits**

* Probationary wage = $34.33/Hr. $44.14 after 6 months.
* Company paid health, dental, vision, and life insurance.
* Retirement plan, paid vacation, sick leave, and retiree health insurance benefit.

**How to apply**

* Please visit [www.allete.com/careers](http://www.allete.com/careers) to apply on-line. Deadline to apply is July 26, 2019.
* BNI Coal will not sponsor VISA’s for this position. EEO/AA.F/M/Vet/Disabled.