

WASHINGTON MILLS

Job Posting: Electrical Engineering Manager

Washington Mills Hennepin, Inc.
13230 Prairie Industrial Parkway
Hennepin, IL 61327
(815) 925-7302

Company Description

Washington Mills is one of the largest producers of high quality abrasive and fused mineral products in the world. It has facilities throughout the U.S., Canada and Europe and serves a global customer base. Its principal business is the fusing of oxide and carbide minerals in electric arc and Acheson furnaces, as well as the grinding and classifying of the minerals into grains and powders. Established in 1868, Washington Mills continues a long history of excellence in serving raw materials to the abrasive, refractory, ceramic and industrial abrasive markets.

Job Description

The Electrical Engineering Manager is accountable for providing leadership and direction for the day to day electrical (High voltage and Low Voltage)/automation needs of the complete plant to include processing, furnace yard and Sulferox for Washington Mills Hennepin, Inc. Work encompasses assignments of a varied and complex nature involving technical responsibility in the testing and analysis of manufacturing systems. This position reports to the Plant Manager and will subsequently also retain plant responsibility in the absence of the Plant Manager. Hours are primarily weekdays on day shift with exceptions as plant needs require.

Essential Functions

- Accountable for plant and equipment innovation, maintenance of present systems (including IT systems), high quality standards, and environmental monitoring in a coordinated effort with manufacturing personnel to maintain competitive advantages and to plan, organize, and direct future developments that will enable Washington Mills Hennepin, Inc. to remain competitive.
- Responsible for providing functional leadership and oversight of a team of electricians.
- Responsible for evaluating and implementing all matters of an engineering nature and making recommendations regarding capital expenditures.
- Assist with efforts in monitoring compliance with environmental laws and regulations.
- Function and ensure timely performance of tasks within specified budget guidelines.
- Major challenges of this position are plant and equipment innovation (transformer systems) and improvements on the basic technology used in the manufacture of Silicon Carbide.
- Ensures the establishment of procedures, specifications, and design to achieve safe process operations.
- Provides technical advice and counsel in cost reduction programs and in new and improved products and processes.
- Collect, record and analyze daily process information from electronic and handwritten mediums and work with the control room operators, Sulferox operators and plant maintenance force to determine preventative, corrective or other actions as necessary.
- Learn the PLC controls systems and operator interface software of the main processes of the plant and transition to manage the upkeep and development of these systems. Attend outside PLC vendor training to advance learning as needed.
- Supervise and plan transformer and circuit breaker maintenance (high voltage equipment) including working with the Operations Manager to preserve optimal transformer and circuit breaker condition and performance.
- Supervise and plan building transformer primary and secondary bus maintenance including stocking of necessary spare parts (aluminum and copper) and overseeing repairs to preserve optimal transformer condition and performance.

Required Skills

- Requires minimum of an Associate's Degree and 5+ years work experience.
- Exposure to High Voltage Applications (34.5kV)
- Understanding of all facets of automation and PLC controls
- Exposure to transformer maintenance would be a plus.
- Exposure to electrical preventative maintenance regimens (ex Thermography, motor testing, vibration analysis)
- Strong verbal and written skills.
- Critical thinking, troubleshooting, attention to detail.
- Complex problem solving.

Compensation/Benefits

Washington Mills offers a comprehensive and competitive benefit package including:

- Paid at a rate commensurate with experience
- Medical and dental plans heavily subsidized by Company when working thirty hours or more
- Company paid life insurance
- 401(k) with an employer match and employer discretionary contribution at six months
- On-site parking
- Immediate paid vacation and holidays
- Family-friendly sick and personal leave

If interested, please send resume to: Washington Mills Hennepin, Inc. at hennepinjobs@washingtonmills.com

The above statement reflects the general details considered necessary to describe principle functions of the job identified, and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.

Washington Mills is an Equal Opportunity Employer committed to workforce diversity. M/F/D/V. Qualified minorities, women, individuals with disabilities, and veterans are strongly encouraged to apply.

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