

| TITLE | DEPARTMENT | REPORTS TO |
|---------------------|-------------|---------------------|
| Electrical Designer | Engineering | Engineering Manager |

THE ROLE

As an Electrical Designer you will be designing electrical systems primarily for mining equipment and or special projects. This position includes sourcing of components, creating electrical schematics, programming, supporting prototype builds, periodical remote assistance via “dial in”, and customer technical support. You will be using the combination of several disciplines, including mechanical and electrical engineering, electronics, fluid power, and instrumentation.

You will be part of the NMT Engineering team in North Bay Ontario that supports new and existing equipment designs primarily in the mining industry with a common goal of creating quality, manufactured products for global distribution.

SKILLS

- Engineering of electrical, controls, and programming
- SolidWorks or similar experience is preferred
- Computer software/hardware/programming/automation/controls
- Pneumatics and hydraulics principals
- Able to read and create schematic drawings
- Find viable solutions for technical problems
- Ability to manage complete projects from concept through completion

QAULIFICATIONS

- Graduate from electrical engineering post-secondary
- Ideally 5+ years of heavy equipment and/or industrial automation experience
- Firsthand experience in the field of robotics, automation, mechanical design, custom machinery, and/or control systems
- Aptitude to conceptualize automation solutions to complex manufacturing challenges working collaboratively within a team
- Excellent communication skills to make presentations to internal team, customers, and vendor partners
- Familiar with ISO, ANSI, CSA and other country specific electrical safety regulations as required
- Familiar with Engineering ERP and QMS systems
- Experience participating as part of a multi-functional engineering team with understanding of electrical system design implications including hydraulic, powertrain and controls functionality

KEY RESPONISIBILITIES

- Primarily responsible for engineering the entire electrical system of a project or product
- Assist engineering, production, RD testing, and aftermarket support
- Creation of electrical schematics, wiring harnesses, control cabinets, and HMI interfaces
- Working with suppliers to optimize electrical component selection
- Programming using several software packages and protocols J1939, CANbus, Parker IQAN is preferred
- Supporting the creating of manuals and other documentation
- Assisting in supporting certifications such as CE Marking, ANSI, and others



CAREER OPPORTUNITY

Electrical Designer

WHY WOULD THIS ROLE APPEAL TO YOU?

- You love to make the complex simple, think at the system or process level
- You love to work with people and are looking for a way to be creative
- This role is great for you as it allows you to apply what you have learned, map out and develop solutions at the systems level and work with seasoned professionals
- Possible opportunity to travel domestic or international

WHAT DOES SUCCESS LOOK LIKE IN THIS ROLE?

At NMT, our employees bring more to the table than simply their technical skills. NMT's Core Competencies are essential to employee success. NMT employees are constantly flexing the following soft skill behaviors to compliment the technical aspects of their roles.

PERSONAL EFFECTIVENESS

Strong communication, adaptability, self-awareness, negotiation, problem-solving purpose, determination, drive, perseverance, have a sense of urgency, responsiveness, energy, engagement, loyalty

WHAT DOES NMT VALUE?

- Integrity: We do what we say we will do, every time, all the time.
- Relationships: We identify professional working relationships and create opportunities to develop those relationships
- Collaboration: We team together to achieve far more than we could on our own
- Leadership: We value people who lead by example, take pride in what they do and inspire others
- Respect: We promote a caring environment of mutual respect for employees, customers, partners, and communities
- Excellence: We set high standards of performance for ourselves and our team

WHY JOIN THE NMT TEAM?

At NMT we invest in our employees. NMT provides a very challenging work environment and believes in treating all employees with respect and providing equitable compensation. We empower our employees to use their creativity and problem-solving skills daily. System and a supportive leadership team to help us achieve our personal and corporate objectives.

| JOB TYPE | SALARY | LOCATION |
|--|---|--|
| Full-time, permanent | <ul style="list-style-type: none"> • Commensurate with experience • Comprehensive benefit plan. • Group RSP program. | 373 Main Street West, Unit 1 North Bay, Ontario |
| EDUCATION | LANGUAGE | EMAIL RESUMES TO: |
| Post-secondary degree or diploma in related field preferred. | Bilingual is considered an asset. | nmtengcareers@nordicminesteel.com |

Please send your resume with a cover letter emphasizing why you want to work for NMT and what attributes you can bring to the company.

We thank all applicants, however only those being considered will be contacted.