

StateMix Ltd.

Electrical Engineer/Technologist

In this position you will be involved with product design / redesign. You will encounter a broad range of the electrical subsystems and equipment that may include: Power electronics, AC/DC motors/motor controls, High/Low voltage harnesses, Software integration.

As a member of the Electrical Engineering Team, your professional expertise will ensure the engineering design changes are controlled and conveyed in an orderly manner. You will be working closely with various departments and will require the ability to work independently as well as part of the organizational team.

***RESPONSIBILITIES:**

- Development of electrical schematics for new and existing machines.
- Writing of small and large power panels and other electrical subsystems.
- Hardware and software design validation and testing.
- Conduct component failure and risk analysis as assigned.
- Provide technical support as needed
- Maintain and enforce internal design process, including the change request management.
- Responsible for maintaining high voltage electrical safety standards.

***REQUIREMENTS:**

- Engineering degree (Electrical) or Technology Diploma (Electrical) preferred.
- Experience with schematics and harness layout using CAD software.
- Working knowledge of power requirements, electrical device technologies, grounding strategies, routing management and circuit protection requirements.
- Familiar with related electrical safety and industry standards.
- Good verbal and written communication skills.
- Ability to use hand tools.

****ADDITIONAL EXPERIENCE CONSIDERED AN ASSET:***

- Familiar with RS-232, RS-422 and RS-485

Experience with:

- PLC, HMI, and or C/Java programming.
- AC/DC motors and motor drivers.
- soldering.

Job Types: Full-time, Permanent

Pay: \$21.00 - \$23.00 per hour

Benefits:

- Extended Health Care

Apply for this position on indeed:

<https://ca.indeed.com/jobs?q=Technologist&l=Winnipeg%2C%20MB&radius=100&fromage=14&sort=date&vjk=df9b68db7672e9b5>