



Title	Licensed Industrial Electrician	Status	Full Time
Department	Maintenance	Location	Scarborough
Reports To Title	Technical Services Manager	Written/ Revised Date	May 6, 2019

SUMMARY

Working under general direction from the Technical Services Manager, the Licensed Industrial Electrician is responsible for specializing in the maintenance, repair, and improvement of electromechanical systems, including electrical programming, hydraulics, pneumatics, and PLC's (programmable logic controls) in plastics injection and blow-moulding plant equipment. He or she will perform preventative maintenance work, troubleshoot, and conduct machine repairs/modifications and equipment changeovers. The Electrician also works in conjunction with the Set-up Technicians and Production Supervisors to quickly resolve any production issues.

RESPONSIBILITIES

- Conduct all repairs, preventative maintenance, and troubleshooting on all injection and blow-moulding production equipment in the plant, including electromechanical system work (pneumatics, hydraulics, PLC's), with knowledge of 600 V AC and lower field wiring
- Repair and post moulding equipment, and build any post moulded equipment when required
- Build fixtures and/or gauges, and repair or replace sensors and drivers
- Maintain all lifting devices and equipment
- Troubleshoot all robot or automation equipment
- Rig and install all new equipment in the building
- Recommend improvements for quick tool changes
- Implement and maintain 5S within the department
- Participate in Kaizen and other operational excellence events
- Maintain a clean and safe work environment, and ensure safety throughout the plant

ATTRIBUTES

- Possess a valid Industrial Electrician License with strong knowledge of electromechanical systems and programming
- Knowledge of commonly-used concepts, practices, and procedures within mould making
- Able to read, and communicate verbally and in writing in the English language
- Able to read and interpret blueprints and schematics
- Able to troubleshoot and manage multiple assignments simultaneously
- Mechanically inclined, with strong attention to details
- Excellent analytical, problem solving, interpersonal, time management and documentation skills
- Proven interpersonal skills and team oriented with the ability to work within a diverse workplace

QUALIFICATIONS

- Must have an Industrial Electrician (442A) License, with a specialization in electromechanical systems
- A minimum of 5 years' experience as a Licensed Industrial Electrician in a manufacturing environment
- A high school diploma is required
- Ability to troubleshoot and repair electrical systems and controls is required
- Experienced in Preventative Maintenance and Work Order Systems, report writing, and CMMS
- Experience working in a fast-paced and highly changing environment with limited supervision



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PHYSICAL DEMANDS AND WORK ENVIRONMENT

Work conditions are consistent with a manufacturing plant environment. Millwrights are routinely required to use their hands to handle, control, or feel objects, tools, or controls. This role also requires a moderate degree of physical fitness, as it requires use of appropriate muscles to lift, pull, push, or carry heavy objects totaling up to 75 lbs; standing for long periods of time; frequent bending or twisting of the body; repeating the same movements; kneeling, stooping, crouching, or crawling; and climbing on top of machinery with the use of electric equipment, ladders, or scaffolds. The Millwright must also be able to work near moving mechanical machinery, and must be able to work in an environment with high noise levels (hearing protection required).