Michael Brignolio

Red seal certified Millwright
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Work Experience

Operations Manager/ Maintenance Manager

Turtle Mountain seed company - Baden, ON
April 2021 to Present

Development of daily, monthly and yearly PM program
Implementation of continuous improvement ideas
Implementation of health and safety recommendations
Development of pest control system specifically tailored to this feed mill
Development of the plant critical spare parts list
Coordinate with outside contractors
Perform breakdown repairs
Coordinate manpower for various Capex jobs
Monitor and manage costs associated with the maintenance of an old building

Millwright

ODG - New Hamburg, ON
December 2019 to April 2021

Perform PM and breakdown repair on CNC and manual gear cutters, hobbers, shapers.
Perform PM and Breakdown repair on CNC mills and lathes
Perform PM and breakdown repair on shop compressors.
Fabricate guards, tables and carts

Red seal certified Millwright

Guelph Manufacturing Group - Guelph, ON
June 2017 to December 2019

Responsibilities:
• Perform minor and major electrical repairs.
• Perform PM's on all compressors, chillers, air makeup units, wire benders, resistance welders, tube benders, conveyors and presses
•Troubleshoot and repair electrical issues associated with automated transfer arms.
• Preform general break down maintenance as required on conveyors, benders, fixtures, robots and presses
• Trouble shoot and diagnose causes mechanical and electrical breakdowns and make repairs if possible or make recommendations to supervisor as to what needs to be done to repair issues
• Machine replacement parts for machinery when needed
• Order new/required parts to replace stock used during shift
• Fabricate various carts, stands and tables need throughout plant

• Fabricate various pieces of guarding on machinery and around plant as required by the health and safety department
• Work with other millwrights and electricians on and off shift to install or upgrade equipment
• Rebuild broken drives, gearboxes
Preform minor and major electrical repairs.

Red seal certified Millwright

Brick Brewing - Kitchener, ON
October 2016 to June 2017

Responsibilities:
• work in compliance to HACCP standards
•Fabricate various carts, stands and tables need throughout plant
• Daily water tests on boiler systems.
• Preform PM's on all carton formers, fillers, packers, palletizers, conveyors.
• Preform general break down maintenance as required on conveyors, washers, packers, carton formers and fillers
• Trouble shoot and diagnose causes mechanical and electrical breakdowns and make repairs if possible or make recommendations to supervisor as to what needs to be done to repair issues
• Machine replacement parts for machinery when needed
• Work with other millwrights and electricians on and off shift to install or upgrade equipment
• Rebuild broken drives, gearboxes
Preform minor electrical repairs.

Red Seal Certified Industrial Millwright

Fischer Canada - Waterloo, ON
February 2015 to September 2016

Fischer Canada Stainless Steel Tubing - Waterloo, ON
February 2015 to September 2016
Responsibilities:
• Fabricate various carts, stands and tables need throughout plant
• Preform PM's on all Tube Mills, laser Cutters and Tube Saws at scheduled intervals
• Preform general break down maintenance as required on shift on all mills, saws, laser cutters and perforation machines
• Trouble shoot and diagnose causes mechanical and electrical breakdowns and make repairs if possible or make recommendations to supervisor as to what needs to be done to repair issues
• Machine replacement parts for machinery when needed
• Order new/required parts to replace stock used during shift
• Fabricate various pieces of guarding on machinery and around plant as required by the health and safety department
• Clean Optics in laser welders
• Work with other millwrights and electricians on and off shift to install or upgrade equipment
• Rebuild broken drives, gearboxes and forming tools after replacing spare parts on forming mills and saws
• Assist on shift electrician with Laser welder alignments and diagnostics
• Preform minor electrical repairs when shift electrician is unavailable

Millwright apprentice

Powercor MFG (division of Linamar) - Guelph, ON

November 2011 to February 2015

Responsibilities:
• Diagnose and repair various CNC mills, lathes and CMM machines
• Solely responsible for all maintenance duties when on the afternoon shift as well as designing, fabricating & installing projects independently
• Design and install hard and soft compressed air lines to provide new equipment with required air supply and upgraded existing systems to modern industry standards
• Rebuild gear and piston hydraulic pumps
• Contribute actively as a team member on larger projects
• Follow and respect lockout and tag-out procedures
• Fabricate/Machine parts when needed for repairing and upgrading machines
• Installed new machinery and relocate existing machinery to improve plant production and material flow
• Rebuild hydraulic and pneumatic actuators
• Participate in our preventative maintenance program to increases longevity of the equipment and reduce downtime to maintain high production levels
• Contribute to the ongoing safety upgrades to machinery and plant surroundings
• Rebuild worm gear reducing gearboxes - Change out seals, bearings and gear components
• Repaired and replaced drive motors, belt and chain drive transmissions
Energetically participate in overtime hours to help keep time sensitive and heavy workloads on schedule
• Change blades, punches and bushings on piercing and cut-off dies as well as perform minor repairs and modifications to dies
• Design and install new hydraulic and pneumatic circuits for new machinery and dies

• Completed all hours and requirements of Industrial Millwright apprenticeship
• Received my in house forklift license

Tool and cutter grinder/ lead hand

Camtac MFG (division of linamar) - Guelph, ON
April 2008 to November 2011

•Regrind and manufacture custom carbide tooling for the needs of CNC machining.
•provide training to employees in department.
•provide cost effective solutions in tooling modifications
•operate manual tool and cutter grinders, surface grinders, hob and broach grinders as well as operate and program Walter tool and cutter grinder machines.
•final inspection of tooling before being shipped for production.
•duties also included day to day scheduling of tooling and manpower to appropriate parts of department.

Education

AEC / DEP or Skilled Trade Certificate in Industrial Mechanic

Conestoga College - Guelph, ON
August 2013 to May 2016

Skills

- MILLWRIGHT (10+ years)
- MECHANICAL TROUBLESHOOTING (10+ years)
- Electrical troubleshooting (10+ years)
- Maintenance (10+ years)
- Millwright
- Fabrication (10+ years)
- Mechanic (10+ years)
- Welding (10+ years)
- Brakes
- Electrical (10+ years)
- MIG
- Hydraulics
- Automotive
- Microsoft Word
- Mechanic Experience
- Blueprint Reading
- Industrial Maintenance
- Facilities Maintenance
- Equipment Repair
- Precision Measuring Instruments
- Brake Repair
- Mechanical Knowledge
- Micrometer
- French
- Landscape Maintenance
- Plasma Cutting
- English
- Automotive Repair
- Construction
- Plumbing
- CNC
- Manufacturing
- Troubleshooting
- Lawn Care
- Low Voltage
- CNC Lathe
- Handyman
- Schematics

- Programmable Logic Controllers
- Carpentry
- Boiler
- Heavy Equipment Operation

Additional Information

Skills

billingual in French and English language (10+ years), Strong electrical and mechanical troubleshooting
(10+ years)

Certifications/Licences

Certificate of apprenticeship - Millwright
May 2016 to Present

Certificate of Qualifications - Millwright
June 2016 to Present

Billingual ontario secondary school diploma
June 2002 to Present