

Gabriel Elias

Certified Red Seal Millwright

Preparing to challenge the Red Seal Industrial Electrician exam

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SUMMARY

Versatile 20 years' background in the mechanical and electrical industrial fields:

- Experienced in maintenance and analysis of Machineries and Mechanical systems
- Experienced in maintenance and analysis of Hydraulic & Pneumatics Systems
- Experienced in maintenance and analysis of Electrical/Automation systems
- Hands-on Experience with using CNC and Manual machines tools such as Lathe, mill, press, etc.
- Managing and supervision of up to 10 employees
- Maintenance Management
- Customer Service

EXPERIENCE

Employer : Tri-Kon precast - Cranbrook, BC, Canada

Position : Technician, from October 2017 till July 2018

- Maintenance Management and scheduling of the concrete precast plant and machineries.
- Performing systematic maintenance over heavy duty machineries; including: Cranes – Shuttle lift – Forklifts – Loaders - Diesel, Propane and Gas engines.
- Troubleshooting and Preventive maintenance over precast machineries such as: Concrete Mixer - Silos – Conveyors Boiler – Hydraulic Concrete Molds – Pneumatic systems – Electrical Systems – Gear Boxes.

Employer : Vitrum Glass & Apex Aluminum Extrusion Group - Langley, BC, Canada

Position : Technician, from January 2017 till July 2017

- Managing a team of millwright apprentices by working hand by hand with them and demonstration of advanced effective maintenance techniques.
- Engaging in support activities connected with the setup, installation and maintenance of glass production machines and related equipment, on both divisions of the plant: Insulated Glass and Glass Fabrication.
- Perform routine and preventive maintenance, such as, lubricating, adjusting and rebuilding hydraulics, pumps, pneumatic valves and seals.
- Following a Preventative Maintenance schedule, whenever the machines are not in use, over: Ovens, quenchers, laminators, washers, sealers, polishers, seamers and Glass Applicators.
- Trouble shooting of mechanical system such as; Applicators, Sealers, laminators, CNC Cutters, polishers, Seamers.
- Performing maintenance calls independently and as part of a team.
- Installing and setup VFDs on different types of motors, to adjust the speed of glass conveyors.
- Replacing; Belts, Sprockets, Bearings, Rollers, Gearboxes on all types of glass.

Employer : AMBAR Group - Lebanon

Position : Industrial Technician, from 1999 till 2015

- Recommend revision to methods of operation, material handling and equipment layout, to increase production and improve standards.
- Study time, motion, methods and speed involved in maintenance, production, to establish standard production rate and improve efficiency.
- Recommend modifications to existing quality or production standards to achieve optimum quality within limits of equipment capability. Planning and organizing production schedules.
- Design and develop new products from 3D Modeling to drawing creation and production implementation.
- Perform design and optimization of machine components and assemblies for manufacturing.
- Perform design and analysis of machinery sequence of operation.
- Communicate functional requirements to and collaborate with machine assemblers in the testing, troubleshooting and commissioning of machines and projects.
- Provide Technical information and coordination in finding machinery solutions to customer applications using company best practices and products.

EDUCATION

- **Canadian Electrical Code, in 2015**
 - B.C.I.T – British Columbia Institute of Technology
 - Part time course; training in implementing the Canadian Electrical Code
- **CNC Machinist, in 2015**
 - B.C.I.T – British Columbia Institute of Technology
 - Part time course; basic training in CNC Machining
- **Electronic Maintenance Certificate, in 2012**
 - I.T.I – Industrial Technical Institute, Beirut – Lebanon
 - Part time course; training in general electronic maintenance
- **Industrial Maintenance License, from 2003 - 2008**
 - I.T.I.S – Higher Industrial Technical Institute, Beirut – Lebanon
 - 5 Years degree and Co-op training in Industrial Maintenance and Pneumatics – Night courses.

Note: The degree is recognized and accepted by EGBC
- **Automotive Technologist, from 2001 - 2003**
 - C.I.T – Center of International Technologies, Beirut Lebanon
 - 2 Years' degree specialization in automotive technologies – Afternoon courses.

LANGUAGE PROFICIENCY

- **English, French**