



Job Description -Ref 23 04

Title: Electrical Assembler

Role:

- Assemble/build panel, electrical or electronic systems or support structures and units, subassemblies, assembly casings using rivets, bolts, soldering or micro-welding equipment as well as using appropriate tools such as wire/cable strippers, ferrule/terminal/lug crimpers, etc.
- Field wiring (integration) of the machine.
- Adjust, repair and troubleshoot electrical equipment. Electrical upgrade (electrical renovation) in the plant using Canadian Electrical Code. Power hook up to the machines.
- Read and interpret electrical & pneumatic drawings, diagrams, specifications, work orders, or reports.
- Inspect wiring installations, assemblies, and circuits using appropriate tools like multi-meter, torque drivers, etc.
- Disassemble and prepare machines for shipment.
- Fabricate or modify parts, using shop equipment with supervisor approval.
- Verify product descriptions, dimensions and clearances of parts to ensure conformance to drawing specifications/ OEM instruction, using instruments such as micrometers, calipers, etc.
- Basic power up and inputs & outputs check to ensure conformance to specifications.
- Drilling, tapping and installation of the electrical, electronic and pneumatic components such as Disconnects/Breakers, Contactors, Inverters, Motors, Motor drives, Power supplies, Relays, Terminal blocks, PLCs, Transformers and Sensors, etc., using corded/ cordless drill, cordless driver, hydraulic/pneumatic tool/driver, torque driver, etc.

Education and Experience:

- 3 years diploma in electrical technology.
- Active industrial electrician license (442A) is an asset
- 5-10years experience building control panels and field wiring.
- Proficient in reading and interpreting control & pneumatic drawings.
- Experience on CSA and IEC standards.
- Proficient in using productivity tools such as wire/cable strippers, ferrule/terminal/lug crimpers, connector-pin crimpers as well as corded/cordless drill/driver, hydraulic/pneumatic tool/driver, torque driver, etc.
- Carry out high quality work and maintain good records.
- Ability to meet deadlines under conditions of multiple demands and conflicting priorities.
- Strong challenging spirit, Team player, quick learner, self-motivated, able to work under minimal supervision, and enjoy learning new things.
- Excellent interpersonal and organizational skills.
- High degree of flexibility and be willing to work after hours and weekends.