



SeaStar Solutions

Job Title:	Manufacturing Engineer
Job Purpose:	This position provides engineering expertise in the design and implementation of custom production assembly/ test equipment and the development of assembly processes to support manufacturing in achieving on-time delivery of quality and cost effective products.
Reports To:	Manufacturing Engineering Manager
Direct Reports:	N/A
Version:	June 2018

Education & Experience

- Electro-mechanical/ Mechanical Engineering Degree or Manufacturing Technologist Diploma with proven experience.
- Preference for electro-mechanical background.

Responsibilities

- Design, build and validate manual and automated production assembly and test devices and other custom machines for production.
- Prepare documentation for custom production equipment. This includes drawings, part lists, schematics, calibration procedures, maintenance plans/ procedures, etc.
- Work with the Design, Manufacturing and Quality Engineers to determine project plans, identify program equipment requirements/costs, and evaluate product/equipment designs; debug, calibrate and release equipment and/or associated processes to production.
- Troubleshoot problems with existing custom production equipment. Identify resolution and correct the problem. Utilize maintenance as required.
- Train production personnel on how to use new and modified production equipment/processes.
- Develop and define production assembly and test processes through the utilization of tools including PFMEA's, Process Flowcharts, Work Instructions, etc.



Skills & Abilities

- Knowledgeable with all aspects of custom equipment development & integration including mechanical design, hydraulics, pneumatics, electrical and sensor technologies.
- Possess a mechanical aptitude for the assembly and troubleshooting of custom equipment.
- Excellent hands-on skills. Proven experience with hand/power tools.
- Strong electrical/ controls knowledge and experience.
- Proven ability to integrate sensors and controls with DAQ/ PLC systems and wire basic low voltage electrical panels.
- Strong problem solving and decision making abilities.
- Well-developed organizational skills with the ability to manage a variety of tasks.
- Previous experience with Pro/E, GD&T and MRP Systems.
- Excellent verbal and written communication skills in English.
- Ability to work well independently and as part of a strong team.
- Strong LabVIEW programming skills is desired and preference will be given to candidates with a Certified Developer status and/or proven ability to develop functional LabVIEW programs.

Deliverables

- Produce project plans and cost estimates; finish projects on time and on budget.
- Develop, validate, and implement equipment that meets requirements on schedule.
- Be responsive to internal customers' needs.
- As this position is constantly evolving, please speak with your supervisor/manager regarding daily, weekly and monthly objectives.

Things to Know & How to Apply?

- SeaStar Solutions is an equal opportunity employer.
- If you are interested in this position, please send your cover letter and resume to hr.canada@seastarsolutions.com with the subject: 2018-009.
- Relocation assistance is not provided for this role.
- Only applicants legally eligible to work in Canada should apply. No foreign applicants will be sponsored.



- We look at each resume in detail, so please be sure to review the job description and highlight your experience in relation to this role.
- All candidates will be updated on the status of their application.

To find out more about SeaStar Solutions, please visit our company website at:
www.seastarsolutions.com or <http://canada.seastarsolutions.com/careers/>