

## **Manufacturing Engineering Technologist**

Operations / System/ Manufacturing

Moncton, New Brunswick

Do you want to work for a dynamic and rapidly growing company that is an industry leader in our field? Greystone Energy Systems Inc. is dedicated to developing high quality and innovative solutions for its customers with unsurpassed customer service.

### **The Opportunity**

We are growing and looking for a motivated **Manufacturing Engineering Technologist** to join the Manufacturing Engineering team working in Moncton, New Brunswick.

### **Objective & Summary**

- As a core member of the Manufacturing Engineer Team this role contributes in the research, design, development maintenance and continuous improvement of manufacturing processes, procedures, systems, machines, tools and equipment.
- The purpose of this role is to provide regular and ongoing technical support, guidance and assistance to manufacturing operations with the objective to be continuously improving employee safety, product quality, production efficiency and overall manufacturing cost effectiveness.

### **Principle Duties & Responsibilities**

The area of responsibilities for this role is divided into three main categories including: Equipment/Facility, Product and Process:

The common responsibilities of both categories include:

- Provide technical guidance and frontline support to Manufacturing Operations, ensuring the safe and effective operation of all Manufacturing Tooling and Equipment; including operator training, preventative maintenance, calibration, software upgrades and general repair.
- Providing support of formal design changes, manufacturing deviations and the controlled introduction of new products (NPI) to manufacturing.
- Act as liaison between Engineering and Manufacturing Operations.
- Assist Management and Manufacturing Engineering Group with the implementation, training and continuous advancement of Lean Manufacturing principle and continuous improvement methodologies.
- Additional duties as required.

The responsibilities of each category are as follow:

#### **ME Equipment/ Facility:**

- Assist with the identification, coordination, maintenance, repair, replacement and regular calibration of all production tools in accordance with internal quality, safety and ISO calibration protocols.

- Design, build, implement and maintain electrical and mechanical production assembly jigs, test fixtures, calibration equipment and data collection systems.
- Recommend and justify capital equipment procurement, complete with cost analysis supporting positive/timely return on investment (ROI).
- Assist the ME Manager with the development of annual equipment and maintenance budgets.
- Provide support in coordinating and completing miscellaneous production and facility maintenance requirements. Maintains the preventive maintenance & Calibrations program. Ensures deficiencies are identified, recorded and escalated and related documentation is maintained.
- Provide direct support with the integration of new equipment and technology introduced in the plant related to production and packaging process.
- Analyzes down time data improve machines performance & drive continues improvement.
- Maintain the inventory system that serves as the foundation for parts tracking, machines parts usage tracking, parts re-ordering process, parts reception process.
- Performs regular facility, mechanical and electrical inspections to ensure integrity of the facility is maintained.

### **ME Process/ Product**

- Assist with the design, development, maintenance and continuously improvement of production systems used for creating methods of assembly, issue tracking, test data collection and calibration certification generation, etc.
- Provide first level troubleshooting and problem diagnosis for all Returned Materials; ensure the accurate collection, documentation and communication of technical issues found to Engineering and Manufacturing Operations (raising engineering change requests, authoring technical findings, providing recommendations to manufacturing, etc.).
- Develop manufacturing processes to enhance employee safety, product quality, production efficiency and overall cost effectiveness.
- Provide technical support to Manufacturing Operations in directing the development and execution of improved work centre layouts, methods of assembly (MOA's), visual work instructions, workmanship standards, test protocols, lean manufacturing initiatives, production quality improvements and production efficiency advancements.
- Initiate and/or provide manufacturing input to Engineering Change Orders (ECO's) to improve quality, and manufacturability and/or reduce assembly time and material costs.
- Assist with the design, evaluation, selection, development, implementation and training of a comprehensive Manufacturing Execution Systems (MES).
- Responsible for establishing and analyzing production standards and recommending process improvement in order to improve efficiencies, cycle times, reduce costs and scrap.
- Recommend and justify capital equipment procurement, complete with cost analysis supporting positive/timely return on investment (ROI).

### **Management**

- This position reports to the Manufacturing Engineering Manager.

## **Education, Training & Experience**

### **Equipment/ Facility and Process/Product**

- Electronic/Mechanical/Industrial Technologist Diploma or related education
- One to three years' experience supporting electrical/mechanical manufacturing operations, facility operations and maintenance experience
- Knowledge of safety and building codes and standards
- Experience with computerized MRP/ERP Systems; SYSPRO preferred.
- Experience with the operation of an ISO certified production environment preferred.
- Experience with UL, CSA, RoHS, NIST, REACH and other industry/product certification standards preferred.
- Experience with LEAN Manufacturing principles, initiatives and environment preferred.

### **Preferred Skills and Competency Requirements**

- Ability to read and interpret electrical schematics and PCB design documentation.
- Ability to read and interpret mechanical drawings and design documentation.
- Knowledge of electrical circuitry and componentry combined with the ability to analyze and troubleshoot electrical/PCB issues.
- Knowledge and experience with manufacturing process controls, in process testing, data collection and lean manufacturing methodologies.
- Knowledge of electro-mechanical and computer numeric controlled (CNC) systems combined with the ability to analyze and troubleshoot issues with CNC Tools and Manufacturing Equipment. (Strong knowledge is required for Equipment/ Facility and Product areas)
- Ability to communicate in both written & verbal.
- Analytical and problem-solving skills.
- Planning and decision-making skills.
- Advanced numeracy and math skills.
- Advanced proficiency with MS Office Suite and Data Management software utilities.
- Self-motivated and detail oriented.

Preference will be given to applicants that can prove a successful track record.

Please provide at least three (3) reference names and email addresses of people who are very familiar with your skills, abilities and experience. All references will be contacted for successful candidates.

Only those who will be considered for the next step of the application process will be contacted

**Applications should be forwarded to Sima Eskandari, HR Manager**

**[Eskandari.s@greystoneenergy.com](mailto:Eskandari.s@greystoneenergy.com)**