



Job Description

Job Title	Product Engineer
Department	Engineering
Reporting Manager	Engineering Manager
Company	Dunham-Bush USA LLC
Location	Homestead, Florida
Date Updated	May 12, 2020

General Summary:

This Product Engineer position involves in sustaining Engineering, new product design and development activities such as review and design of HVAC equipment's, in meeting the application standards, customer/market requirements, and sound engineering principle, including ETO based products. The candidate needs to understand all the requirements and execute the product engineering duty and work in proper and timely manner.

Principal Responsibilities:

- Continuous improvement of existing products, sustaining engineering, design and development activities.
- Responsible to review factory order in complying with applicable standards, customer requirements and sound engineering principles.
- To communicate with other division such as Electrical & Control, Pressure Vessel, and other Departments to ensure smooth flow of fabrication work.
- To assist in resolving production technical issue encountered on products.
- Promote product quality, safety and performance.
- To lead on product certification and compliance process and activities, for AHRI and ETL certifications
- Responsible for the preparation of document required for the projects including Drawings, Purchased Part Specifications, Procedures, Bills of Material, Catalogues, Installation Manuals and other documents required for the design, and manufacture of the products
- Responsible for providing technical support to Sales/Marketing, Warranty Service, Quality Control & Production Departments, Associate Companies and Customer as needed, on engineering related matters and product quality feedback.
- Responsible for providing proposal for customer various requirement, do unit selection and give price add for special requirement, able to do technical parameter compliance.
- Assist Purchasing Department in sourcing components & raw materials, providing specifications and evaluating quality of vendors.
- Any other duties assigned by the Product Manager or as detailed in the Quality Documents.

**Knowledge, Skill and Ability Requirements:**

- Minimum 2 years relevant working experiences and industries, added advantages if have relevant experiences in Air-cooled, water-cooled, screw and centrifugal comps product design, testing and manufacturing process.
- Organizational skills necessary to manage multiple assignments and priorities.
- Good written and verbal English communication skills and presentation skills.
- Possess strong management skills and ability to train others.
- Effective planning and control of multiple concurrent projects.
- Proficient in the use of Microsoft Outlook, Excel, PowerPoint, and Word.
- Knowledge of engineering software such as Solidworks, Inventor, FEA, Visual Basic, AutoCAD, would be an added advantage.

Education Requirements:

- Candidates must possess at least a Bachelor's or Professional Degree in Mechanical Engineering.

Dunham-Bush is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.