Job Description

Position Title: Manufacturing & Design Engineer
Reports To: Plant Manager
Position Location: Fairview, OR

Brief Company Description

AGC Heat Transfer, Inc., a wholly owned subsidiary of Alfa Laval, AB, is the leading OEM of sanitary plate heat exchangers in North America, manufacturing plate heat exchangers specifically designed for sanitary applications. AGC offers complete heat exchangers, services as well as upgrades to plate packs, gaskets and spares that fit multiple brands. In addition, AGC offers Field Leak Testing and inspections of plate heat exchangers that meet the 3-A sanitary standard.

AGC Heat Transfer consists of three manufacturing/service facilities (Bristow, VA, Fairview, OR & Pleasant Prairie, WI) with about 90 employees (50 OR / 20 VA / 5 WI / 15 other locations). Currently, most of the sales are in the US & Canada. The business is profitable and has more than doubled sales since Alfa Laval acquired it in 2007. AGC Heat Transfer has a strong engineering culture with a heavy emphasis on customer service and technical/consultative sales.

Job Description

Based in Fairview, OR, the Manufacturing & Design Engineer will work with the manufacturing Plant Manager, R & D and production teams to improve the manufacturing, safety, quality, and costs of all products within AGC. Focus will be on learning and supporting designs of existing AGC and competitor's products, process development, introduction of production standards and to support sales in frame technical and order inquires.

Position Responsibilities

Manufacturing

- Evaluate existing manufacturing processes and workflows to identify areas to improve to help meet company goals for safety, quality, delivery
- Develop and maintain standard times for production by conducting time studies to support Standard Cost models for production
- Develop, evaluate, and improve manufacturing methods, including welding, machine shop, assembly and plate fabrication
- Plan and implement all process changes to improve safety, quality, and productivity
- Lead problem solving teams to address manufacturing related warranty, and rework issues and troubleshooting
- Work toward continuous improvement, implement 5S, and lean manufacturing processes
- Develop and train operators and production personnel on how to build all designed items
- Lead the research, recommendation and implementation of capital equipment projects for the production facility
- Assist in quality improvements for welding and manufacturing processes
- Conduct make vs. buy analysis for production parts
- Assist other support personnel with maintenance of BOM and other item master data within the ERP
- Continually look for improvements related to Safety, Quality, Delivery, and Cost

Eastern Factory
10129 Piper Lane
Bristow, VA 20136
Ph. 703-257-1660
Fax. 703-330-7940
800-825-8820

Central Office
8400 Lakeview Pkwy
Suite 700
Pleasant Prairie, WI 53158
Ph. 847-301-6890
888-489-8820

Western Factory
3109 SE 230th Ave.
Fairview, OR 97024
Ph. 503-774-7342
Fax. 503-774-2550
800-715-8820

- Support CNC lead operator on programming tooling library
- Support with fitting selections on hydraulic units

Design

- Develop process, and all related tools and fixtures.
- Use computer assisted engineering and design software to perform basic engineering tasks.
- Work in coordination with design engineering to introduce new products to the manufacturing area
- Drawing requests from the production floor are driven to completion with support of R & D
- Under guidance from design engineer take a lead role, research, drawing and preparing “derivative” designs to support sales activity

Interdepartmental Support

- Assist in development of inventory management tools to improve (support bar coding and scanning for Shop Floor Control)
- Work with supply chain to address quality and delivery issues.
- Support Procurement with standards for AGC parts and questions about design specification to assist them to confirm with AGC suppliers
- Support Sales with customer conversations with field issues, creating drawings to confirm dimensions for non-AGC manufactured parts, provide technical information/sketches for marketing brochure development and provide frame/frame component order information.

Other

- Other specifically assigned tasks where needed by the Company

Skills & Qualifications

- BS degree in Engineering or related engineering discipline or equivalent experience
- Three plus years working with lean manufacturing, (Kaizen, 5S etc.).
- Three plus years’ experience working with machine shop and stainless-steel welding.
- Experience with AutoCAD and/or Solidworks.
- Experience with MS Office
- Basic welding knowledge desired.
- Able to create and adhere to a project plan or timeline.
- Able to make effective presentations to peer groups and management within the department/factory and demonstrate the ability to tailor presentation to the audience.
- Strong problem solving, analysis, and troubleshooting skills.
- Effective communicator at all levels.
- Ability to lead, coach, and train team members.
- Cooperates and works well with others in pursuit of team goals.

EQUAL OPPORTUNITY EMPLOYER

Submit resumes to MikeG@agcheattransfer.com