

Weld Engineer Sulzer Pumps

Based at facility at Brookshire; responsible for coordination and direction of welding applications, including: welding, heat treatment, and Non-Destructive Examination operations performed at Brookshire manufacturing facility. Acts in consulting capacity to USA, Canadian and Mexican production facilities.

ESSENTIAL FUNCTIONS:

- Review project specifications for cost and exceptions relative to materials, welding, HT, and NDE requirements. Submit material and process selection recommendations to ensure attainment of design objectives.
- Review Order Packages and advise Project Manager of potential materials, welding, HT, or NDE problems.
- Transmit required procedures and weld maps to Project Manager for customer submittal purposes.
- Develop, qualify and maintain, welding procedures.
- Resolve customer comments relative to material and fabrication issues.
- Practical knowledge of weld joint designs using welding processes.
- Provide technical assistance to Service Centers and Field Engineering for review of failure data to establish or rule out material or process causes.
- Review and approve supplier material production techniques to ensure suitability for specific product applications.
- Assist Engineering in developing production drawings to communicate fabrication instructions to manufacturing.

SECONDARY RESPONSIBILITIES:

- Provide assistance in disposition of Non Conformances relative to shop problems with materials and fabrication.
- Mediate customer and Sulzer vendor problems relative to materials and fabrication problems.
- Supports, cooperates with, and participates in company-wide LEAN and EHS Management System which includes following all safety, health and environmental policies and procedures. Supports and cooperates in company-wide Quality Management effort.
- Performs other duties as assigned.

SUPERVISORY RESPONSIBILITIES: None

QUALIFICATIONS:

- Bachelors of Science degree in Metallurgical Engineering, or equivalent training and experience.
- Minimum of five years materials science, welding technology and metallurgical engineering experience in a fabrication facility required.
- Experience must include application of requirements of ASME Section III, VIII and IX and AWS D1.1.
- Good working knowledge of welding related NDE methods (magnetic particle, liquid penetrate, radiography and ultrasonic) required.
Strong background in ASME P numbers 1, 6, 8 materials and duplex stainless steels is desirable.

**Contact John H Barnhart for more information.
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