

Piping Design Team Leader

Responsibilities:

- Allocates and schedules the Construction Piping Services' [CPS] Piping Detailing projects in coordination with and per scope of work in consultation with and as directed by the Piping Design Manager.
- Assists with the preparation of piping drawings and bills of material and pipe cut sheets when required.
- Resolves day to day technical matters and implements ideas and suggestions to obtain accurate, timely, consistent and cost effective solutions.
- Supervises, guides and trains the piping staff, resolves their grievances or escalates these to the Piping Design Manager to ensure smooth running of the piping design department.
- Implements CPS standards, drawing room standards and policies and provides feedback to the piping design manager on progress of the piping detailing work and performance of the piping staff.
- Monitors and tracks Design and Detailing projects and reports output, man-hours and productivity and suggests corrective and preventive actions.
- Assesses and evaluates the projects assigned to ensure accuracy, consistency and timeliness. Primary role is to perform crucial checking activity of all drawings and BOM's to ensure the above and also productivity while focusing on achieving the most cost effective solutions.
- Troubleshoot technical problems with reference to the assigned projects and piping staff on the job. Works very closely with all the piping staff.
- Relay all the unresolved piping questions from piping designers and piping Auto Plant / CAD Operators to Piping Design Manager.
- Implement job control procedures.
- Utilize and participate in the Victaulic Quality Improvement Process.
- May communicate directly with Project Managers in Global CPS offices as directed by the Piping Design Manager.
- Create a flexible team environment and establish rapport with all in the facility.
- Data entry, software development assistance, beta testing / downloading of drawings from FTP site when required.

Qualifications and Experience:

- B.E. Mechanical Engineer with 5+ years piping design / detailing experience or Diploma Mechanical Engineer with 7 to 12+ years piping design / detailing experience with minimum 3 years experience in handling similar function.
- Detail knowledge of preparing equipment layouts, material specifications, piping GADs, Isometrics and Bill of Material activities. Fully conversant with interpreting all types of Fabrication and construction contract drawings such as Architectural, Structural, Mechanical, P & IDs etc., and the ability to do piping engineering drawings man-hour estimating.
- Supervisory, management and communication skills required.
- Result oriented with focus on Accuracy, Consistency, Timeliness and costs.
- Computer literate, including knowledge of Microsoft Word and Excel and emailing.
- Pipe support design and pipe stress analysis preferred but not mandatory.
- Must have –proficiency in Bentley Auto Plant and AutoCAD 3D.
- Prefer to have experience with other CAD packages such as: Bentley Systems Isogen, Spoolgen; Autodesk PDS and PDMS



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