

Job Description – PDS Piping Designer

1.0 Purpose:

Job Descriptions are part of Company Quality Policies and Procedures. This standard defines the tasks and responsibilities for the Piping Designers within the company organization. The standard is valid for all Piping designers.

2.0 General:

Designers are the contact for Team Leaders with regard to any Layout or design aspects for the project execution. The Piping Designers report to the Department Manager.

3.0 Tasks and Responsibilities:

The Piping designer shall be responsible for the Project Execution covering all Engineering Phases from Proposal, Basic, Detail, Commissioning and Construction. As well as, preparation, extraction and checking of Detail drawings, as shown below and responsible for following but not limited to:

- Ensure design compliance with respective client specifications and codes.
- Knowledge of 2D and 3D CAD applications.
- Complete familiarity with Respective industry Codes / standards.
- Technical co-ordination with all disciplines related to engineering effort.
- Participation as required in Design Reviews.
- Assist with fabrication and / or construction activities, as required.
- Piping design dwgs: Plot Plan, piping arrangements, isometrics, mto's etc.

4.0 Education and Experience Required:

- Two year technical certification or equivalent experience.
- Four years experience.
- Intergraph PDS 3D Modeling experience preferred but can be developed in-house for individuals with who have a significant skill set in piping design.

5.0 Skills Required:

- Intermediate level CADD software skills.
- Effective computer skills; Microsoft Office software, Lotus Notes and other Company and discipline specific software applications.
- Effective communication skills both verbally and in writing with superiors, colleagues, and individuals inside and outside the Company.
- Effective analytical and problem-solving skills.

6.0 Travel Percentage:

- Moderate, 20%

7.0 Physical Requirements:

- While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to sit. The employee is occasionally required to stand; walk; use hands to finger, handle or feel; reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 25 pounds and occasionally lift and or move up to 75 pounds. Specific vision abilities required by this job include close vision, color vision, and ability to adjust focus. The employee must frequently climb to heights of 250 feet.