

Job Description – Plant Design Checker

1.0 Purpose:

Job Descriptions are part of Company Quality Policies and Procedures. This standard defines the tasks and responsibilities of the Piping Checker for project execution. The standard is valid for all Design Checkers including Piping and Civil/Structural design.

2.0 General:

The Piping Checker is responsible for verifying that the design model and the drawings comply with all federal, state, local laws and standards as well as company, and job specific specifications. The Design Checker is to assist the Team Leader in verifying the design is the optimal design including generally accepted engineering practices. The Team Leader has final responsibility for design, but the Design Checker has responsibility for pointing out any potential problems that may adversely affect the final product's quality.

3.0 Tasks and Responsibilities:

The Design Checker shall also be responsible for, but not limited to, the following:

- Ensure compliance with respective client specifications and codes.
- Participation as required in all design reviews.
- Effectively communicate any needs or discrepancies to the Team Leader, Group Leader or Plant Design Manager as appropriate.
- Coordination of departmental and inter-departmental design activities under recognizing the interfaces.
- Assist the Team Leader or Group Leader in the decision making process for technical problems in the department and on projects.
- Support the project execution schedule to ensure timely completion of the project.
- Addressing concerns and problems toward the Project Managers, Team Leader and the Department Manager.
- Checking and managing the project deliverables in close coordination with the Team Leader.
- Support with the design effort or special project assignments if checking efforts are not immediately needed.

4.0 Education and Experience Required:

- Two year technical certification or equivalent experience
- Fifteen or more years industrial experience in their field of expertise
- Two years experience with Intergraph PDS 3D modeling software

5.0 Skills Required:

- Knowledge of 2D and 3D CAD applications.
- Complete familiarity with Respective industry Codes / standards.
- Possess a broad understanding of each engineering discipline.
- 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 all individuals inside and outside the Company.
- Effective analytical and problem-solving skills.

6.0 Travel Percentage:

- Moderate, 15% to 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 200 feet.

8.0 Department:

- Plant Design

9.0 Reports To:

- Department Manager

10.0 FLSA Status:

- Non-exempt

11.0 Direct Reports:

- None

12.0 HAY Grade:

- None

13.0 Approval:

- Manager: _____ Date: _____
- Employee: _____ Date: _____