

Steve Paulus

Sr. Piping Designer

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Summary:

Over twenty years of experience as a piping designer with EPC and field experience utilizing client standards to develop piping design packages.

Experience:

1/2023 – 5/2026

Sr. Piping Designer

Kent Engineering, Houston, Texas (LyondellBasell)

- Developed piping design packages.
- Followed client standards to design piping for fabrication and installation.
- Delegating work to designers, drafters, and overseas partners.
- Field verification to gather field data such as measurements and elevations.
- Familiar with P&ID's, location plans, tie-in/demo drawings, piping isometrics, elevation drawings along with line lists, tie-in lists, scope of work and photos.
- Presenting model reviews.
- Presenting design packages to clients for IFA and IFC.

6/2016 – 1/2023

Sr. Piping Designer / Owner

OffsiteCAD, Houston, Texas (Asset Optimization Consultants)

- Created drawings on various projects for several clients for inspection/reliability purposes.
- Drawings included inspection isometrics, equipment drawings, plot plans, and flow diagrams.
- Added data for the reliability projects to P&IDs.

9/2015 – 6/2016

Piping Designer, Testengeer Inc, Freeport, Texas

- Developed piping design packages, using the P&IDs along with standard design practices for construction, fabrication and installation.
- Developed location plans, piping plans, elevations, isometrics, line lists and tie-in lists.
- Field verification to gather field data such as measurements and elevations.

6/2004 – 9/2015

Piping Designer

Kelly Engineering, Freeport, Texas (Dow Chemical)

- Developed piping design packages.
- Followed client standards to design piping for fabrication and installation.
- Field verification to gather field data such as measurements and elevations.
- Including location plans, tie-in/demo drawings, piping isometrics, elevation drawings along with line lists, tie-in lists and photos.
- Front end loading (FEL) packages for estimating. This consisted of walking down the project with engineering and operations and providing footage and materials and basic scope of work.

6/2001 – 6/2004

Piping Designer

Jacobs Engineering, Deer Park, Texas (R&H)

- Developed piping design packages.
- Followed client standards to design piping for fabrication and installation.
- Field verification to gather field data such as measurements and elevations.
- Including location plans, tie-in/demo drawings, piping isometrics, elevation drawings along with line lists, tie-in lists and photos.

6/1997 – 6/2001

Piping Designer / CAD Draftsman

CDI Engineering, Deer Park, Texas (R&H)

- Created/edited P&IDs, plot plans and various other location plans.
- Developed piping design packages.
- Followed client standards to design piping for fabrication and installation.
- Field verification to gather field data such as measurements and elevations.
- A typical piping package would include location plans, tie-in/demo drawings, piping isometrics, elevation drawings along with line lists, tie-in lists and photos.

Education:

San Jacinto College – Associates in Engineering Technology 12/2026

Skills:

AutoCAD
Plantview (PASCE 3D)
Plant 3D
PDMS

Pro-Pipe
SP3D
Microstation
PDS

Pro-Iso
CADWorx
Microsoft Office

References:

Available upon request.