



Example of Piping Designer Job Description

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Our company is looking for a piping designer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for piping designer

- Produce technically acceptable standard of work and design deliverables
- Ensure documentation of appropriate standard is provided to update all relevant Engineering, Operational and Maintenance databases on project completion
- Ensure the safety of designs through application of specialist expertise, standards, reviews, risk assessments and risk management
- Manage project workloads and when appropriate, engage external service providers to supplement the in-house resources
- Engage and manage specialist external resources where required to meet the project deliverables
- Develop Piping Design Packages using Plant Applications and Solutions for Concurrent Engineering (PASCE) and/or Smart Plant 3D (SP3D) modeling software
- Working knowledge of Piping & Instrument Diagrams (P&ID) symbology
- Create all required project documentation, including Line Schedule, Tie Point Schedule, Tie Point / Demolition Photo Documents, Piping Appendix (job instructions)
- Working knowledge of Discipline standards and practices, such as Piping Specifications, Electronic Most Effective Technology Library (EMETL) Specifications and Details
- Work independently and or lead projects utilizing multiple Piping Designers, interfacing with manufacturing or maintenance personnel, other engineering disciplines, vendors, and suppliers as needed

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- Accredited two (2) year degree or global equivalent in technical field of study
 - Knowledge of commercial availability and cost of materials
 - Practical field experience
 - Intermediate computer and software skills to include the use of word processing, e-mail, spreadsheet and electronic presentation programs
 - 5+ years of relevant Piping Design experience preferably with clean utilities (high-purity water, clean steam, pharm air) pipe routing experience for all other utilities
 - 3D design preferred
 - Experience with checking design packages preferred
 - Proficient in Micro-station and PDMS preferred
 - Technical college graduation with 10 years plus of experience or an equivalent combination of education and related experience