



The Planning Guide to Piping Design (Process Piping Design Handbooks)

By Richard Beale, Paul Bowers

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By Richard Beale, Paul Bowers

Peter Smith has joined forces with skilled consultants to take his piping series to the next level. *The Planning Guide to Piping Design* covers the entire process of planning a plant model project from conceptual to mechanical completion, and explains where the piping lead falls in the process along with his roles and responsibilities. Piping Engineering Leads (or PEL's) used to only receive on-the-job training to learn the operation of producing a process plant. Over time, more schools and programs have developed a more advanced curriculum for piping engineers and designers. However, younger generations of engineers and designers are growing up with a much more technological view of piping design and are in need of a handbook that will explain the proven methods of planning and monitoring the piping design in step-by-step processes. This handbook will provide mentors in the process piping industries the bridge needed for the upcoming engineer and designer to grasp the requirements of piping supervision in the modern age.

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Editorial Review

About the Author

Richard Beale has over 40 years of plant layout and piping design experience on upstream, midstream and downstream oil and gas industry projects in the employ of engineering, fabrication, construction and producer companies. His career started as a junior piping draftsman in 1974, and over the years he has held the roles of piping drafter, piping designer, piping squad leader, project piping lead, design and drafting department manager, and technical support to fabrication and construction. He is currently employed by a major oil and gas producer in Engineering Information Management. Having witnessed the technological transition from manual design and drafting to 2D CAD and 3D CAD, he holds a firm belief that a key ingredient to full realization of successful project execution through the adoption of new design technology is being lost. This being a corresponding erosion of experienced design and drafting practitioners possessing of the abilities to develop, modify, and execute new and existing design and drafting procedures that complement the changing technology. It is this belief that has stirred him to write this book as a way of filling the experience gap

Paul Bowers is a senior piping designer with over 30 years of experience working on major process plant projects including refining, cryogenics, pulp & paper, petrochemical, industrial gas installations and SAGD as well as CAD/engineering automation administration. As a software and technology enthusiast Paul believes that machines must adapt to humans and not the other way around.

Currently residing in the Montreal area, Paul has been owner of the PipingDesign.com domain since 1998 is currently webmaster / web developer / "Digital Administrator" and a director with the Houston-based Society of Piping Engineers and Designers as well as founder and past president of the Calgary chapter of the same organization.

Users Review

From reader reviews:

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