



A Quick Guide to Pressure Relief Valves (PRVs)

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This indispensable book systematically guides you through Pressure Relief Valves and how they work. It shows how protective devices perform an important function in preventing the accumulation of overpressure that can result in failure and the uncontrolled release of stored energy. They are therefore categorised as safety critical items of engineering equipment. The book goes on to show that their design and testing is heavily controlled by published technical standards because many countries are covered by statutory legislation.

The content of the book shows that service damage and degradation mechanisms are outlined for various applications – PRVs and bursting discs are used in a wide variety of process conditions, ranging from clean service to heavily corrosive process fluids. This results in a correspondingly large number of damage mechanisms that can prevent them from working if they are not inspected and tested correctly. Risk based inspection procedures are introduced in this book as a method of minimising the chances of failure, and therefore maintaining high levels of safety.

This *Quick Guide to Pressure Relief Valves* is intended to provide easily accessible technical information for engineers and technicians involved in the operation, testing and maintenance of pressure systems. It also covers other types of protective devices such as bursting discs.

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Editorial Review

From the Back Cover

Categorized as *safety critical*, protective devices perform an important function in preventing the accumulation of overpressure. This easy-to-use pocket book is an indispensable user's guide that provides readily accessible technical information for engineers and technicians involved in the operation, testing, and maintenance of pressure systems.

Pressure Relief Valves provides an essential guide to the published technical standards.

- Handy pocket-sized reference
- Accessible, well-structured information
- Direct and straightforward approach
- Suitable for all – from plant operators with limited knowledge of the regulations, to specialist readers who require more advanced implementation advice.

About the Author

Cliff Matthews BSc, CEng, MBA, FIMechE is an experienced engineer with a wide knowledge of the inspection of pressure systems and the interpretation of engineering codes and standards.

Users Review

From reader reviews:

Mary Kenney:

Reading a book tends to be new life style on this era globalization. With examining you can get a lot of information that could give you benefit in your life. With book everyone in this world can share their idea. Guides can also inspire a lot of people. Plenty of author can inspire their very own reader with their story or perhaps their experience. Not only the storyplot that share in the textbooks. But also they write about the ability about something that you need example. How to get the good score toefl, or how to teach your young ones, there are many kinds of book that you can get now. The authors on this planet always try to improve their ability in writing, they also doing some analysis before they write with their book. One of them is this A Quick Guide to Pressure Relief Valves (PRVs).

Cesar Ford:

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Norma Eberhart:

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