The Alarm Management Handbook

By Bill Hollifield, Eddie Habibi

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The Second Edition of the most complete best practices book available for designing and maintaining an effective alarm management system.

Abnormal situations in plants around the world kill and injure people, cause significant environmental harm, and cost the industry billions of dollars every year. Investigation reports on industrial accidents often point to faulty alarm systems as a contributing factor. Poorly performing alarm systems hinder an operator's ability to prevent accidents or minimize process upsets. Properly designed and maintained alarm systems significantly improve plant safety, reliability, and profitability.

The Alarm Management Handbook provides a field-proven methodology for improving the performance of industrial facility's alarm systems. It derives from over a decade of research and the lessons learned from hundreds of successful alarm improvement projects.

This highly anticipated new edition contains an additional fifty pages of information, new figures, and several completely new sections. It contains the most up-to-date body of best practices knowledge available for improving and optimizing the performance of a modern alarm system. There is additional practical information on benchmarking alarm system performance, developing a comprehensive alarm philosophy, solving nuisance alarm problems, performing alarm rationalization, implementing advanced alarm handling techniques, and improving the human factors associated with alarm systems. The implications of the new ANSI/ISA-18.2-2009 Management of Alarm Systems for the Process Industries are also

detailed. Companies have achieved breakthrough results by following the principles contained in this book.

Whatever the nature of your alarm system, The Alarm Management Handbook is a necessary part of your operational excellence and other business improvement initiatives. This book will help you make a long-lasting mark in your organization by providing you with strategies to improve your company's bottom line.

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The Alarm Management Handbook By Bill Hollifield, Eddie Habibi Bibliography

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Editorial Review

Review

Effective alarm management is an obligation not only to the employees operating our plants but also to the communities granting us our license to operate. Here is clear guidance for the technical expert who must implement an effective alarm management system and excellent insights for the manager who must justify the necessary investments.

--Arthur R. Colwell, Senior Vice-President at BASF Corporation

Two decades ago, alarm management was an issue largely unrecognized in the petrochemical industry. Today we know that it is an essential element of any Process Safety Management system. This book captures the best of the practices and solutions that have emerged within the industry. It is comprehensive, but delivered in a concise and logical format that makes it easy to extract the how-to details. The Chapter One overview should be required reading for all individuals with management responsibility in Manufacturing, Engineering, and Process Safety within our industry.

--Jim A. Conner, Vice President, Manufacturing at Celanese Chemicals

The Alarm Management Handbook is a very practical guide to implementation of an alarm management program, presented in the unique and entertaining style of Hollifield and Habibi. The 2nd edition provides much new information, and ties the guidance in the previous edition to the new ISA-18.2 standard.

--Nicholas P. Sands, Process Control Engineer at DuPont; ISA-18 Co-Chair

About the Author
Bill Hollifield

At PAS, Bill is the Principal Consultant responsible for the work processes and products, intellectual property, and software product directions for both Alarm Management and High Performance HMI. He is a member of the ISA-18 Alarm Management committee, the ISA-101 HMI committee, the API-1167 Alarm Management committee, and is a co-author of the Electric Power Research Institute s Alarm Management Guidelines. Bill is also co-author of *The High Performance HMI Handbook.*

Bill has international, multi-company experience in all aspects of Alarm Management. Besides that, Bill has many (many!) years of chemical industry experience with focus in project management, chemical production, and control systems.

Bill holds a Bachelor s Degree in Mechanical Engineering from Louisiana Tech University and an MBA from the University of Houston. He s a pilot, and builds furniture (and the occasional log home in the Ozarks) as a hobby.

Eddie Habibi

Eddie Habibi is the Founder and CEO of Houston-based PAS. Prior to establishing PAS, Eddie held various

positions at Schlumberger and Honeywell International. Eddie holds an engineering degree from the University of Houston and an MBA from the University of St. Thomas.

Eddie has led the growth of PAS from its initial founding in 1993 as a professional consultancy to being a global provider of advanced automation solutions to the processing industries worldwide, with operations in the United States, Europe, the Middle East, Africa, and Asia.

Eddie is a recognized industry thought leader in the areas of operations effectiveness, automation intellectual property asset management, data mining, and knowledge management, and is a co-author of *The High Performance HMI Handbook*. Under his leadership PAS continues to grow profitably as an agile organization known for its strong culture of customer focus and significant innovation.

Users Review

From reader reviews:

Jean McFerren:

Book is definitely written, printed, or outlined for everything. You can know everything you want by a reserve. Book has a different type. To be sure that book is important matter to bring us around the world. Beside that you can your reading skill was fluently. A guide The Alarm Management Handbook will make you to end up being smarter. You can feel more confidence if you can know about everything. But some of you think this open or reading the book make you bored. It is far from make you fun. Why they might be thought like that? Have you in search of best book or appropriate book with you?

Cora Snyder:

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Michael Clark:

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Adam Hay:

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everything you want. A book is a group of written, printed, illustrated or blank sheet. Every year had been exactly added. This guide The Alarm Management Handbook was filled with regards to science. Spend your extra time to add your knowledge about your scientific research competence. Some people has different feel when they reading a new book. If you know how big good thing about a book, you can truly feel enjoy to read a publication. In the modern era like currently, many ways to get book that you wanted.

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