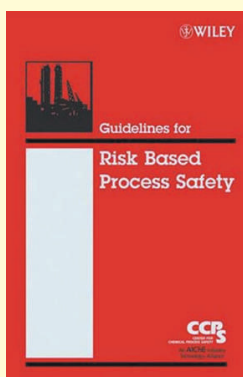


Book Review ---- Guidelines for Risk Based Process Safety

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The Guidelines for Risk Based Process Safety provides guidelines for industries that manufacture, consume or handle chemicals, by focusing on new ways to design, correct or improve process safety management practices. This new framework for thinking about process safety builds upon the original process safety management ideas published in the early 1990's. It integrates industry lessons learned over the intervening years, utilizes applicable "total quality" principles (i.e., plan, do, check, act), and organizes it in a way that will be useful to all organizations - even those with relatively lower hazardous activities - throughout the life-cycle of a company.

Comparison of Risk Based Process Safety (RBPS) Elements and the original CCPS PSM Elements and OSHA PSM/EPA RMP Elements revealed the following:

- Process Safety Culture (similar element exists in CCPS PSM Guidelines)
- Process Safety Competency (similar element exists in CCPS PSM Guidelines)
- Workforce involvement (similar element exists in OSHA/EPA Guidelines)
- Stakeholder Outreach
- Safe Work Practices (similar element exists in OSHA/EPA Guidelines)
- Contract Management (similar element exists in OSHA/EPA Guidelines)
- Operational Readiness (similar element exists in OSHA/EPA Guidelines)
- Conduct of Operations
- Emergency Management (similar element exists in OSHA/EPA Guidelines)
- Measurement and Metrics
- Management Review and Continuous Improvement

This book deserves serious study by everyone in the chemical industry.

By Ong See Hee