

# IMPROVING PROCESS SAFETY PERFORMANCE WITH EFFECTIVE OPERATIONS PRACTICES

A Seminar by Human Centered Solutions LLC

This seminar is typically led by the lead author of the ASM® Consortium Guidelines on *Effective Operations Practices*, Dr. Peter Bullemer. The seminar will provide the participant with a basic understanding of effective operations practices drawn from our consulting experience and investigative studies in the ASM Consortium.



## Designing Effective Operations Practices Topics

- Common Failure Modes for Process Safety Incidents
- Abnormal Situation Management
- Effective Operations and Control Room Management Practices
- Operator HMI, Alarm Management and Control Building Design
- Procedural Management System
- Operator Knowledge and Skill Development
- Metrics to Improve Operation Practices as well as Process Safety

### About Human Centered Solutions

Human Centered Solutions (HCS) is a multi-disciplinary group of psychologists and engineers who apply human-centered design to enhance the performance of people in and around the control rooms. HCS provides expertise in operator staffing, control room and building design, console workstation design, operator interface design, alarm management, procedure system design, training system design, and work process design.

***“Human performance that can lead to plant upsets and incidents is not changed by the mere exposure to data and technology”***

Many companies in the process industries seek to improve operations reliability through improvement in operator performance. A key aspect of improving operation reliability is to reduce the costs associated with abnormal situation management. Human Centered Solutions offers this seminar to help understand how to design better operations practices that enable the operations shift team to effectively prevent and respond to abnormal situations. Effective solutions go beyond the delivery of more data and advanced technology to the operator.

### Who should attend:

Plant and Operations Managers, Technology and Project Managers, and HSE Specialists

### To learn more about the Improving Process Safety Performance seminar contact:

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**REGISTER 10 Days before your workshop** and receive a **FREE COPY** of the **ASM Consortium® Guidelines Effective Procedural Practices**

## Human Centered Solutions

Helping People Perform  
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Human Centered Solutions is an active member of the Abnormal Situation Management® Consortium  
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