



CCPS Introductory Gathering

June 22, 2010
São Paulo, Brazil

“The Global Community Committed to Process Safety”



Objectives of Seminar

- Introduce you to CCPS and its work
- Sensitize CCPS to key process safety issues in Brazil and elsewhere in Latin America
- Discuss path forward to facilitate CCPS project, training, and other activities locally

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Introductions

- Name and company
- If company is a CCPS member
- Other thoughts you'd like to add

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About CCPS

- Formed in 1985 as Chemical Engineering profession's response to Bhopal and other major accidents
- Organized within American Institute of Chemical Engineers (AIChE) as a charitable/technical organization
- ~125 member companies worldwide in
 - Chemical, refining, exploration/production, pharmaceutical, high pressure gas and diverse manufacturing
 - Engineering contractors and consultants which serve them

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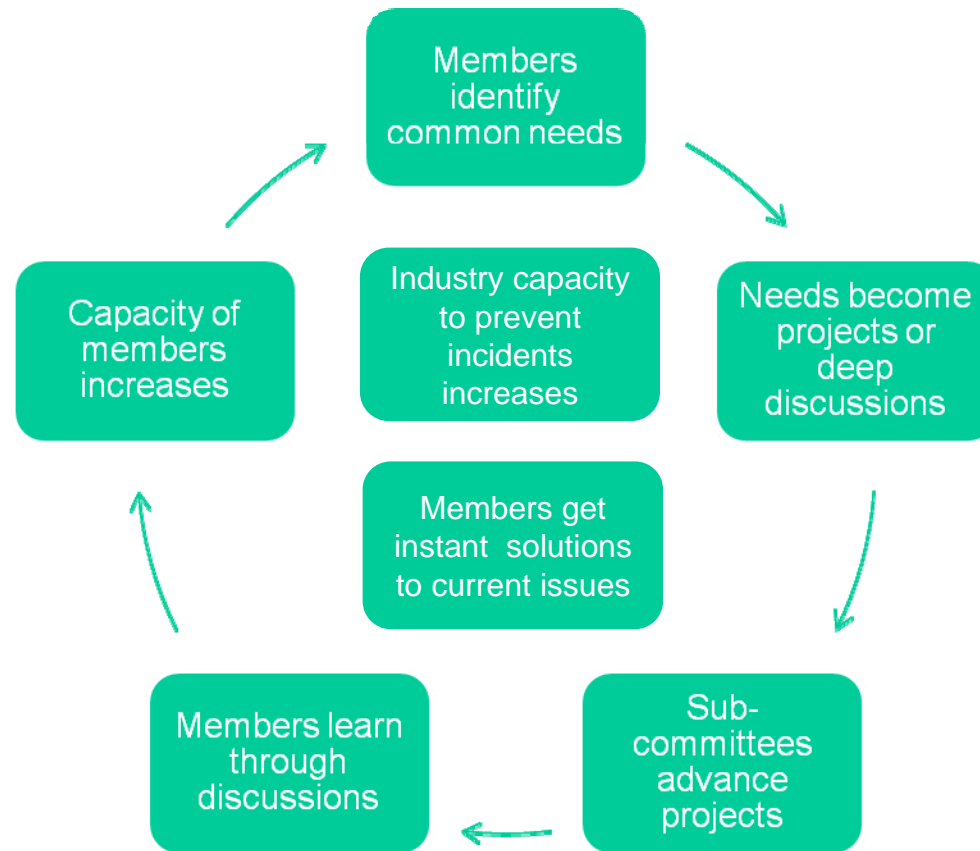
Mission of CCPS

Eliminate catastrophic process safety incidents by:

- Advancing state-of-the-art in process safety technology & management practices
- Serving as the premier resource for PS information
- Promoting knowledge of PS by engineers, students, and the public
- Promoting PS as a key industry value

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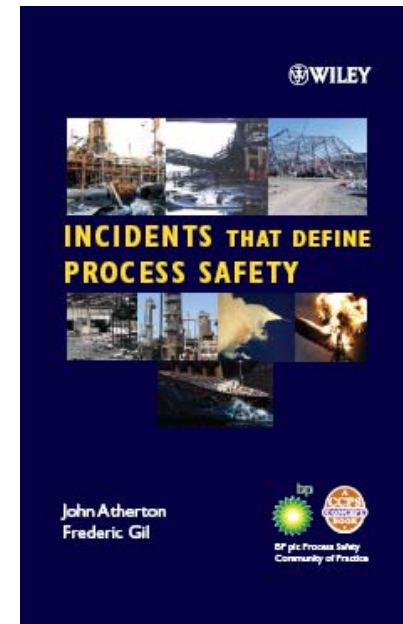
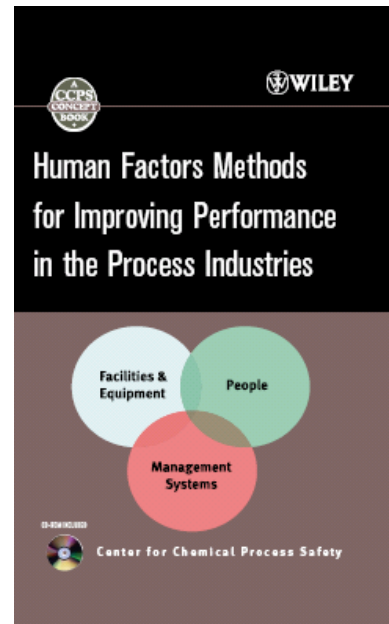
How CCPS Works



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CCPS Project Areas

- Concept Books
 - Good introduction to subject, textbook

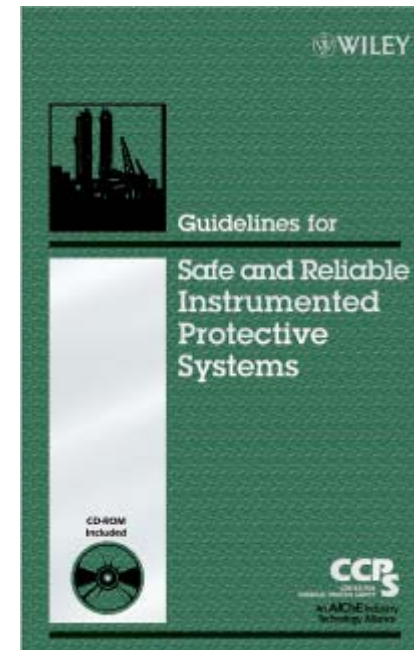
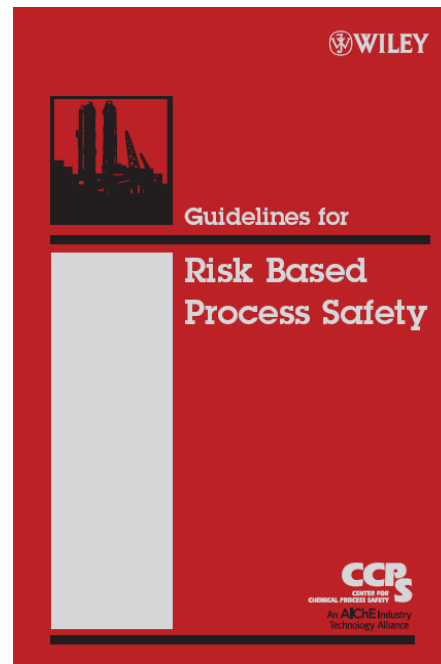


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CCPS Project Areas

www.wiley.com/go/ccps

- Guideline Books
 - In depth guidance



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Other CCPS Work Areas

- “Process Safety Beacon”
 - Monthly lesson e-mailed to over 1 Million in 30 languages
- Process Safety Metrics
- Research/Development:
 - Likelihood of Ignition
 - Conditional modifiers
 - Independent protection layers
- Major conferences

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Testimonial

“As one of the seventeen founding members of the CCPS, Air Products has been enthusiastically involved with CCPS activities to advance the common cause of eliminating tragic process safety incidents. I’ve found involvement in the last 8 years most rewarding. It has helped us perform formal and informal benchmarking with my industry peers, influence and stay abreast of new guidelines, functional, and regulatory issues and their resolutions, and to expedite our process safety globalization effort.

“Get involved, contribute your experience, and the rewards are huge.”

- Shakeel Kadri, Director of Process Safety



Discussion of Future Needs

- Key process safety issues of importance
- How these issues might be addressed through a cooperative effort

- Please share your ideas with us now
- Or write them on a paper
- Or send email (CCPS@AIChE.org)

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Current Projects

-
- Project Equipment Reliability Database
 - Project Safety Incident Database
 - Safety in Chemical Engineering Education
 - Process Safety Beacon
 - Process Safety Moments Presentations
 - Guidelines Pressure Relief and Effluent Handling, 2nd ed
 - Independent Protection Layers
 - Process Safety Culture, part 2
 - Guidelines for Conduct of Operations
 - Guidelines for Evaluating Buildings for External Fire and Explosion, 2nd ed
 - Formal Benchmarking
 - Process Safety Training for Executives
 - Guidelines for Likelihood of Ignition
 - Guidelines for Engineering Design for Process Safety, 2nd ed
 - Incident Warning Signs
 - Hazard Identification Training (Online)
 - Process Safety Training for Frontline Supervisors (Online)
 - Guidelines for Organizational Change Management
 - Conditional Modifies and Enabling Events

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Muito obrigado!

Muchas gracias

Thank you!

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