

Improving Safety in the Chemical Enterprise Through Transparent Sharing of Best Safety Practices: The Dow Laboratory Safety Academy delivers safety information to all

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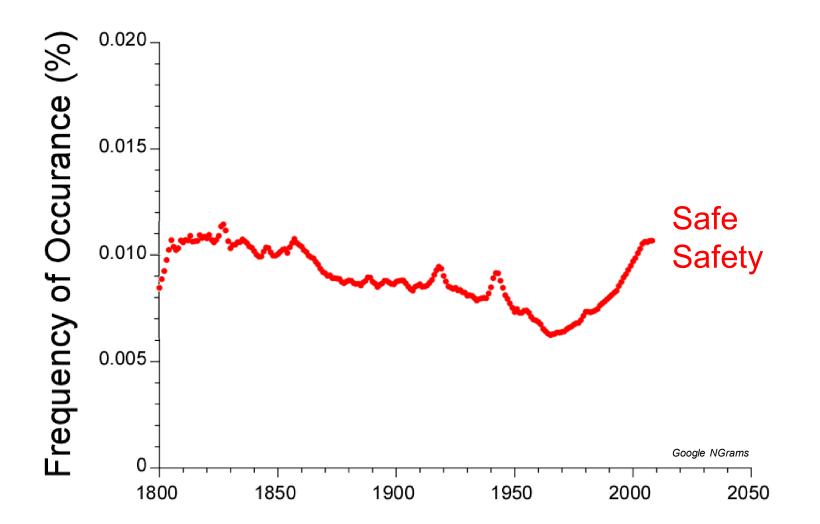
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Mark Jones Executive External Strategy and Communications Fellow



Dow.com











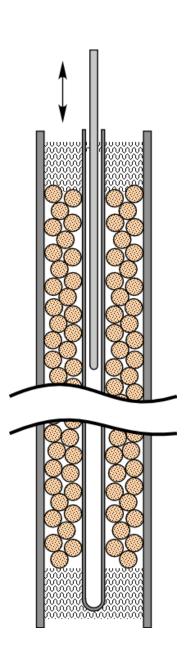




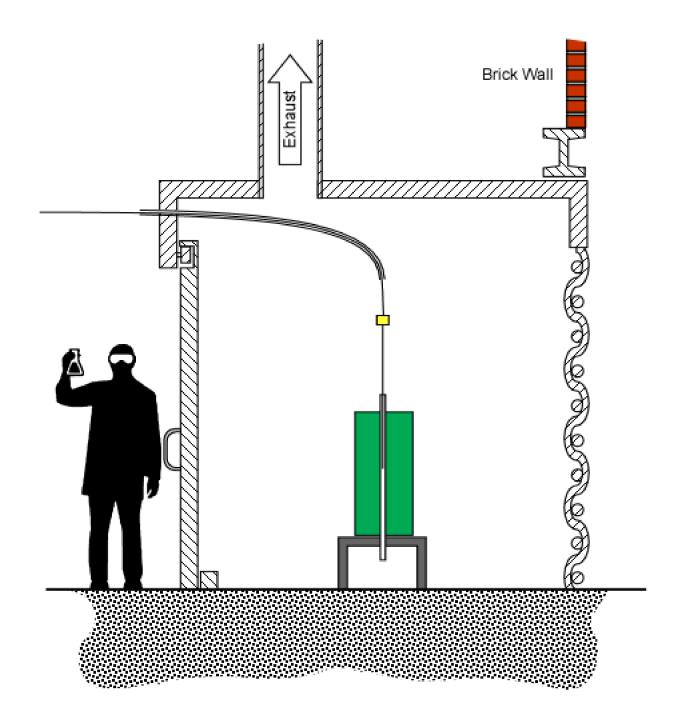














EH&S Expectations @ Dow

Protect People and Environment

Vision of Zero

Responsible behavior



Our goal is to eliminate all injuries, prevent adverse environmental and health impacts, reduce wastes and emissions and promote resource conservation at every stage of the life cycle of our products.





EH&S Expectations @ Dow

Responsible behavior



Each employee has a responsibility in ensuring that our products and operations meet applicable government or Dow standards, whichever is more stringent.

All employees, contractors, and visitors are expected to exhibit appropriate and responsible behavior during their presence within a Dow facility.

EH&S Expectations @ Dow

Protect People and Environment

Vision of Zero

Responsible behavior



Bottom Line: Dow Expects Employees to Go Home Healthy and Safe....Everyday









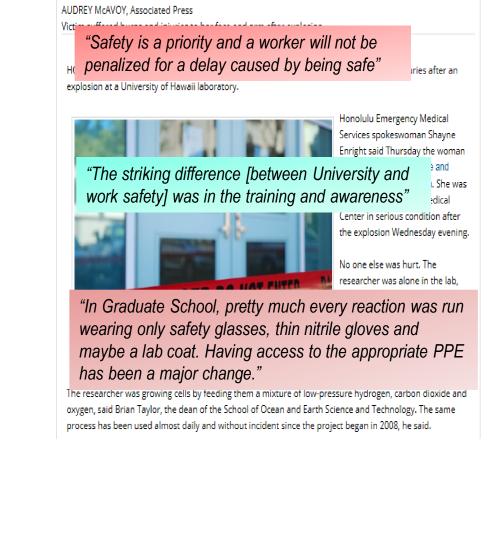


Universities and Industry: Common Challenges & Opportunities Researcher Injured in University of Hawaii Lab

Explosion

Mon, Mar 21, 2016

- Mindset of Incident Prevention
 Not Inevitable Incidents
- Organizational Design
- Need and Ability to Share Researcher Experience
- Safety Is Core Not an"Extra"
- Commit to Safety Not Compliance





Safety Culture

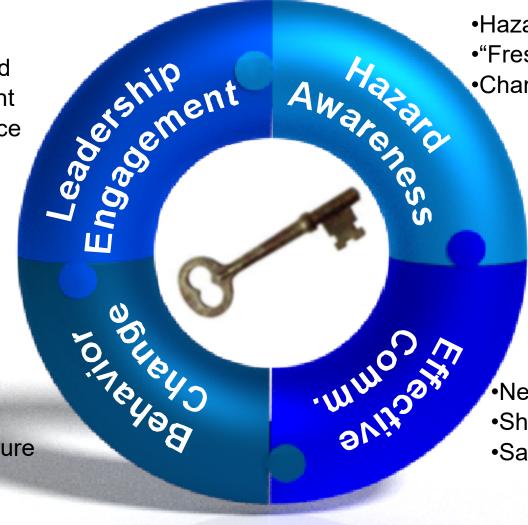




Key Elements of a Sustainable Safety Culture

- Set ExpectationsVisible in the FieldShow commitment
- •Ensure compliance

Make safety personal
Intervention culture
Positive reinforcement



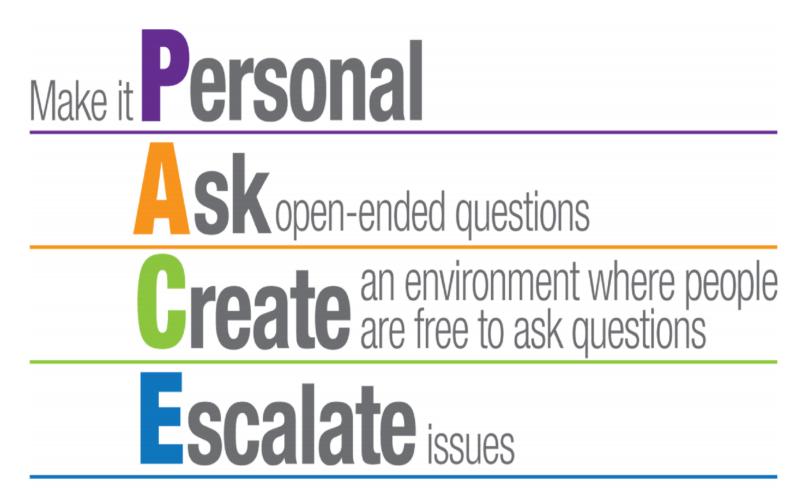
Hazard recognition"Fresh eyes" approachChange management

Near miss events
Share best practices
Safety moments

Transparent Communication







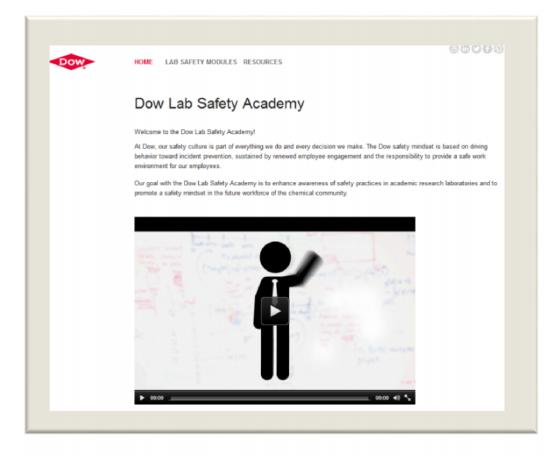
4 key principles that help us institute safety culture







Dow Lab Safety Academy



Since 2013 Launch...

- 25,000+ enrolled viewers
- >250,000 views
- >60 universities
- >40 Government Agencies & National Labs
- >100 companies
- 10 countries
- 1 external award
- More than a dozen media stories

http://safety.dow.com











Dow Lab Safety Academy – Modules

Safety Orientation & Training	Specialized Topics	Plan, Evaluate, & Execute	Sustainable Safety Culture
Ergonomics Fall Prevention Personal Protective Equipment Waste handling Secondary containment Housekeeping Electrical Safety Fire Extinguisher Lone Worker	Fume hood Gas cylinder Glassware Handling Mechanical Integrity Vacuum Equipment Biological Hazards Nanoparticles Cryogenics Pyrophorics	Management of Change Hazard Assessment Safe Operation Cards Reactive Chemicals Energy Calculations Interpreting Safety Data Sheets Chemical Labeling Sample Transportation & Shipping Line of Fire	Making Safety Personal Inspections Interventions Recognition Mentoring Near Miss Reporting Learning Experiences Effective Safety Communications Sustainability Leadership Engagement









