



What is Process Safety and Why is it important to your organisation?

Why is there the Process Safety Forum?

What the Buncefield Major Incident Investigation Board recommendations said:

- Recommendation 21: The sector should put in place arrangements to ensure that good practice in these areas, **incorporating experience from other high hazard sectors**, is shared openly between organisations
- Recommendation 23, 24: The sector should setup arrangements to **collate incident data on high potential incidents** including overfilling, equipment failure, spills and alarm system defects, evaluate trends, and **communicate information on risks, their related solutions and control measures to industry**
- Recommendation 25: In particular the sector should **draw together current knowledge of major hazard events**, failure histories of safety and environmental protection critical elements, and developments in new knowledge and innovation to continuously improve the control of risks...

Process Safety Forum Membership

Membership includes

- British Aerosol Manufacturers Association
- British Chemical Engineering Contractors Association
- Chemical Business Association
- Chemical Industries Association
- Energy Networks Association
- Explosive Industry Group
- IChemE Safety Centre
- Institution of Occupational Safety and Health
- Mineral Products Association
- Rail Safety and Standards Board
- Scotch Whisky Association
- Tank Storage Association
- UK Offshore Energies
- UK Petroleum Industry Association
- UK Liquefied Petroleum Gas
- UK Onshore Pipeline Operators' Association
- UK Steel
- Water UK

What is the Process Safety Forum?

- The Process Safety Forum (**PSF**) was set-up (2009) to provide a platform whereby initiatives, best practice, lessons from incidents and process safety strategy can be distilled and shared across sectors; to influence our stakeholders (including the Regulator); and to drive the process safety management performance agenda

What is the Process Safety Forum?

- **PSF** promotes a commitment to process safety at all levels within an organisation, helps to identify and understand risks (learnings and fora), manage risk posed by identified hazards and share learnings from these experiences.

What is the Process Safety Forum?

PSF develops

- Learning Briefs and Safety Alerts on previous incidents to improve awareness and ensure that we remember subsequent lessons learned.
- Conducts Incident Reviews (of significant incidents) to share across membership
- Publishes newsletters
- For further information on becoming a member of **PSF**, please visit us at <http://www.p-s-f.org.uk/>

- **Process Safety** is a disciplined framework for managing the integrity of operating systems and processes handling hazardous substances by applying good design principles, engineering, and operating practices.
- **The PSF** promotes the sharing of safe engineering and design principles, safe operating practices, proper preventing controls and safe optimisation of processes (eg. chemical, physical, biological) that have the potential to cause harm by uncontrollably releasing hazardous materials (loss of containment) or energy (explosion or fire).

- **Process Safety** involves making sure facilities are well designed, safely operated and properly maintained to prevent leaks, fires, explosions and technical failures.
- **The PSF** aims to assist staff at all levels in an organisation to develop or improve their knowledge of **process safety**, hazards, risk and their subsequent management.

- **Process Safety** applies equally to relatively simple processes to those more complex procedures typically seen within oil refineries and chemical processing plants.
- A simple process performed poorly has just as much potential to cause a significant incident as a complex process at a major installation.

- **Process Safety** aims to assist staff at all levels in an organisation to develop or improve their knowledge of **Process Safety**, hazards, risk and their subsequent management.
- The risks associated with **Process Safety** are diverse, but the benefits that arise from careful management are extensive, having a positive direct impact on an organisation.