Explosion Hazards in the Process Industries. Edition No. 2

Description:

Explosion Hazards in the Process Industries, Second Edition, delivers the most current and comprehensive content for today’s process engineer. Process safety and petrochemical engineers inherently accept that there is a risk of explosions when working on process facilities such as plants and refineries. Yet many that enter this field do not have a fundamental starting point to understand the nature of explosions, and there are a lot of misconceptions and impartial information in the market.

Explosion Hazards in the Process Industries, Second Edition, answers this need by providing engineers and consultants a go-to reference and training guide to understand the principles of explosions, what causes them, and how to mitigate and prevent them from reoccurring. Enhanced to include new chapters on BLEVE (Boiling Liquid Expanding Vapor Explosions), water vapor explosions, and destructive effects from accidental explosions, this guide continues to fulfill a comprehensive introduction to the subject, rounded out with new case studies, references, and a discussion on methods of hazard and risk analysis.

- Offers a comprehensive introduction to process safety
- Includes updated new chapters on Boiling Liquid Expanding Vapor Explosions (BLEVE), water vapor explosions, and destructive effects for accidental explosions
- Gains new case studies, references, and standards to stay on top of what is new and critical
- Establishes the starting point to process safety and understanding the fundamentals of explosions and how to mitigate them

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