Fire and Explosion Hazard Management (FEHM) Overview

**FEHM Philosophy**
What a company believes. Its approach to hazard management and what risk it is willing to accept.

**FEHM Process**
This is the company’s overall, systematic approach to identifying, reducing and managing hazards. It defines how and when a company plans to execute its philosophies.

**Fire and Explosion Prevention Plans**
These concise plans document the protocols required for specific operations. They show how the FEHM philosophy and process will be applied to a specific job and work site.

**Fire and Explosion Management Process**
The overall strategic approach the company establishes for managing fire and explosion hazards.
- Hazard / Risk Assessment
- Assigned Responsibilities
- Education & Training
- Site-Specific Prevention Planning
- Inherently Safe Design
- Process Safety Management
- Safety Management Systems
- Communication (Worksite & Industry)

**Prevention Plans**
The specific measures that determine how the FEHM process is implemented.

**Preventive Barriers and Controls**
- System & Equipment Design
- Layout and Spacing
- Equipment Inspection & Maintenance
- Operating Procedures

**Protective & Emergency Controls**
- Gas and Fire Detection
- Emergency Controls and Shutdowns
- Emergency Response Equipment and Procedures
- Fire Protection Systems