# 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

