# Fire Protection Standard

# 1. PURPOSE

This Standard addresses the minimum requirements for fire protection. In addition, all employees must follow mandatory local, state, and federal statutory rules and regulations.

# 2. SCOPE

This Standard is applicable to Expand Energy (EXE), its affiliates, subsidiaries and employees of EXE performing work on the company's behalf.

Contractors **shall** have their own program that meets or exceeds regulatory requirements.

# 3. DEFINITIONS

**Fire Detection and Alarm System –** refers to an integrated network of devices designed to detect fire, smoke or harmful gases and alert personnel to ensure safety and prompt emergency response. These systems normally include devices such as smoke detectors, heat detectors, manual pull stations, fire alarm control panels and alarm sounders/visual indicators.

**Fire Suppression System –** designed to detect and suppress fires using various extinguishing agents like water, gas or chemicals to prevent escalation and minimize risk. Examples include sprinkler systems, halon and carbon dioxide systems, and chemical systems (often used in industrial settings).

**NFPA –** The National Fire Protection Association develops codes and standards that address fire, electrical, and related hazards, and which are commonly recognized by regulatory authorities and industry.

**Sprinkler System -** A fire suppression system that consists of an integrated network of piping designed in accordance with fire protection engineering standards that includes a water supply source, a water control valve, a water flow alarm, and discharge sprinklers. The system is commonly activated by heat from a fire and discharges water over the fire area.

**Shall** – Denotes a minimum requirement to conform to the Standard. To aid the reader, "shall" requirements are identified in bold. Any deviation from a minimum requirement must be approved via the Standard Exception Form.

**Should** – Denotes a recommendation, or that which is advised, but not required to conform to the Standard.

# 4. ROLES & RESPONSIBILITIES

Supervisors and employees **shall** comply with this standard and implement as necessary within their area of responsibility.

Supervisors and employees **shall not** attempt to extinguish fires beyond incipient stage; Emergency Action Plans **shall** be followed in the event of any fire of greater severity.

HSER **shall** support the implementation of this standard as necessary.

# 5. REQUIREMENTS

## 5.1 Fire Detection and Alarm Systems

Company owned and leased buildings (that are not temporary in nature) **shall** be equipped with appropriate fire detection and alarm systems, which are designed, installed and maintained in accordance with applicable NFPA standards and local code requirements.

Fire detection and alarm systems may work in conjunction with other safety measures, such as fire suppression systems, emergency lighting and HVAC systems, electronic notification systems, safety shutdown processes, etc.

## 5.2 Fixed Fire Suppression Systems

Fixed fire suppression systems (i.e., not portable equipment) **shall** be designed, installed and maintained in accordance with applicable NFPA standards and local code requirements. Such suppression systems at EXE facilities are typically water-based sprinkler systems; see inspection, testing and maintenance requirements below.

## 5.3 Portable Fire Extinguishers

Portable fire extinguishers **shall** be provided and maintained in accordance with NFPA 10, Standard for Portable Fire Extinguishers, API RP 54, and local code requirements.

Portable fire extinguishers utilize various agents (water, gases, chemicals) and are categorized according to the types of fires they can extinguish.

- Class A: ordinary combustible materials such as cloth, wood, rubber, paper, etc.
- Class B: flammable liquids and gases, such as grease, gasoline, oil, methane, etc.
- Class C: fires involving electrically energized or plugged in equipment.
- Class D: fires that involve combustible metals, such as magnesium and sodium.
- Class K: fires that involve cooking oils or fats in cooking appliances and typically occur in commercial kitchens.

Portable fire extinguishers at EXE locations **shall** be approved for use on A, B and/or C categories of fire. ABC extinguishers **shall** be distributed or placed in structures or buildings so that travel from a Class A, B or C hazard area does not exceed 50 ft from class B hazards, or 75 feet from Class A hazards.

At minimum, portable fire extinguishers **shall** be located at manned facilities and in company-owned vehicles (excluding pool vehicles and SUVs used solely for personnel transport), as well as any additional locations required by an applicable code or standard.

### 5.4 Inspection, Testing and Maintenance

Portable fire extinguishers **shall** be inspected monthly and professionally serviced annually. Documentation of monthly inspection dates as well as the most recent annual service date may be in the form of tags or labels on equipment or maintained electronically.

Fire detection and alarm systems and fixed fire suppression systems **shall** be periodically inspected, tested and maintained by a certified fire equipment inspector in accordance with applicable NFPA standards. Documentation of inspections, testing and maintenance **shall** be retained locally.

## 6. TRAINING

Employees **shall** receive initial awareness training on this Standard and annual awareness training on the general use and selection of fire extinguishers, hazards, and best practices for early-stage (incipient) firefighting.

## 7. AUDIT REQUIREMENTS

Audits **shall** be periodically conducted by HSER to confirm compliance with this Standard.

## 8. STANDARD EXCEPTIONS

Requirements outlined in this Standard **shall** be followed, unless a Standard Exception is filed on behalf of, and with the approval of the Operations Manager. The Company's Standard Exception Form is to be utilized to properly document any exceptions.

## 9. REFERENCES

- NFPA 10, Standard for Portable Fire Extinguishers
- NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
- NFPA 72, National Fire Alarm and Signaling Code
- API RP 54 Occupational Safety and Health for Oil and Gas Well Drilling and Servicing Operations
- Electronic Fire Extinguisher Inspection Form or equivalent

# 10. DOCUMENT CONTROL TABLE

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