

## Program Requirements Document

# Fire Protection



Fluor Idaho, LLC, is the Idaho Cleanup Project Core contractor for the U.S. Department of Energy

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| Subcontractors | Program Requirements Document | For Additional Info:<br><a href="http://EDMS">http://EDMS</a> | Effective Date: 05/03/21 |
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Manual: Subcontractor Requirements

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\*The current revision can be verified on EDMS.

## 1. PURPOSE

This document provides requirements for subcontractors to protect workers and work areas from fire. This document implements requirements from codes and standards along with *contractor* (see def.) requirements. Any applicable regulatory or contractor requirements must be followed, with the most stringent requirement being met.

This procedure implements the applicable requirements of DOE O 420.1C, “Facility Safety,” 10 CFR 851, “Worker Safety and Health Program,” and PRD-199, “Idaho Cleanup Project (ICP) Fire Protection Program.”

## 2. SCOPE AND APPLICABILITY

This document applies to all subcontractors working at the ICP, as specified by their contract with contractor. Stricter requirements may be imposed by subcontractors upon their employees or sub-tier contractors. The requirements of this document must be followed by subcontractors; however, the means of implementation may vary as determined by the subcontractor.

**NOTE:** *Throughout this document references to Idaho Cleanup Project (ICP) is analogous with Idaho Cleanup Project Core.*

## 3. REQUIREMENTS

### 3.1 General

3.1.1 All fires at the ICP, regardless of size, shall be immediately reported to the INL Fire Department (call 911) and to the *contractor point of contact (POC)* (see def.).

3.1.1.1 In the case of a fire, the affected building(s) shall be evacuated either by pulling the fire alarm or by following the prescribed method of evacuation for the building.

3.1.2 Any fire at an Idaho Falls facility shall be reported to the Idaho Falls Fire Department (911), and the building shall be evacuated either by pulling the fire alarm or by following the prescribed method of evacuation for the building.

3.1.2.1 All fires at Idaho Falls facilities, regardless of size, shall be reported to the contractor POC.

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- 3.1.3 Oily rags shall be kept in marked, fire-resistant metal containers with self-closing lids, or in an equivalent container that has been approved by contractor and that is not used for any other purpose.
- 3.1.4 Temporary heating devices shall be Underwriters Laboratories, Inc., (UL) listed or Factory Mutual (FM) approved and shall meet the following requirements:
  - A. no open flames
  - B. automatic tip-over shutoff device
  - C. indirect heating only.
- 3.1.5 Gasoline-powered tools or equipment (excluding motor vehicles) shall not be used inside buildings without prior written approval from contractor.
- 3.1.6 Any plastic, tarpaulin, or other material used to construct a hut, tent, or similar protective structure shall be fire retardant.
- 3.1.7 During construction and demolition, fire walls and exit stairways shall be given construction priority in accordance with 29 CFR 1926.150(f).
- 3.1.8 Qualified fire protection engineers shall be included in the review of work control documents involving hot work.

## **3.2 Fire Extinguishers**

- 3.2.1 Fire extinguishers shall be used and maintained in accordance with 29 CFR 1926.150 and NFPA 10.

## **3.3 Maintenance**

- 3.3.1 A documented inspection of fire extinguishers shall be performed each month by a competent person who has been adequately trained to perform these inspections.
  - 3.3.1.1 Operating instructions and name plates shall be clearly visible.
  - 3.3.1.2 Extinguishers shall be fully charged.
  - 3.3.1.3 Seals or tamper indicators shall be in place and shall not be broken.

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3.3.1.4 There shall be no evidence of damage, corrosion, leakage, or clogged nozzles.

3.3.1.5 Maintenance, testing, inspection, and recharging shall be performed in accordance with the manufacturer's recommendation and shall be recorded on a tag attached to the extinguisher.

### **3.4 Sprinkler Systems**

3.4.1 Sprinkler systems shall be constructed, maintained, and during demolition/alteration retained in service in accordance with 29 CFR 1926.150 (d).

## **4. DEFINITIONS**

See LST-27

## **5. REFERENCES**

### **5.1 Source Documents**

29 CFR 1926.150, Fire Protection

NFPA 10, "Portable Fire Extinguishers"

### **5.2 Related Requirements**

The following documents may also contain requirements that apply to this activity:

PRD-2201, Flammable and Combustible Liquid Storage

## **6. APPENDICIES**

None