

**Idaho National Laboratory**

<b>FIRE PROTECTION</b>	Identifier: RD-2202
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Subcontractors	Program Requirements Document	eCR Number: 618910
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Manual: INL Subcontractor Requirements

**1. PURPOSE**

This document provides requirements for subcontractors to protect workers and work areas from fire. This document highlights requirements referenced in the “Source Documents” section, as well as Contractor requirements. Any applicable regulatory or Contractor requirements must be followed, with the most stringent requirement being met.

**2. APPLICABILITY**

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

**3. REQUIREMENTS****3.1 General**

3.1.1 In addition to the requirements listed in this procedure the following regulations shall also be followed

- OSHA 29 CFR 1926, Standards for Construction Industry
- OSHA 29 CFR 1910, Standards for General Industry
- NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations (Current Edition)

3.1.2 The subcontractor shall take all reasonable precautions against fire in accordance with good fire protection engineering practice.

**NOTE:** *All fires, regardless of size or extinguishment must be immediately reported to ensure a timely emergency response and/or investigation. Fires that have been clearly extinguished and present no risk to personnel and equipment (e.g. small trashcan size fires that were immediately extinguished, smoldering debris in a cigarette receptacle, slight smoke odor with no apparent source) may be reported directly to the INL fire alarm center (Idaho Falls Fire Department for town facilities) as a non-emergency to initiate a non-emergency response and investigation.*

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- 3.1.3 All fires, regardless of size, shall be immediately reported to the fire department:
- INL Site Facilities: Call the INL Fire Department (call 777 INL Site phone or 526-7777 Cell Phone).
  - Idaho Falls Facilities: Call the Idaho Falls Fire Department using 911 (or 9-911 using an INL phone).
- 3.1.3.1 Evacuate the building by pulling the fire alarm or by following the prescribed method of evacuation for the building. The Contractor POC (see def.) shall also be notified as soon as possible of any fire, regardless of size.
- 3.1.3.2 Assist the fire department, through the on-scene commander, by providing any available or crucial information regarding trapped persons, emergency actions taken prior to arrival of the fire department, special hazards, or any unusual aspects of the fire area that may affect firefighting efforts.
- 3.1.4 Temporary heating devices shall be listed by a Nationally Recognized Testing Laboratory (such as Underwriter Laboratories) or American Gas Association (AGA) certified and shall meet the following requirements:
- A. no open flames
  - B. automatic tip-over shutoff device
  - C. indirect heating only
  - D. those specified in NFPA 241.
- 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 noncombustible panels, flame resistant tarpaulins, or materials of equivalent fire-resistant characteristics.
- 3.1.6.1 Any fabrics or plastic films used shall be certified as conforming to the requirements of Testing Method #2 of NFPA 701.

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### **3.2 Fire Prevention Program Manager Responsibilities**

3.2.1 The Construction Manager (or designee) shall serve as the fire prevention program manager (as described in NFPA 241, section 7.2).

3.2.1.1 The Construction ES&H, applicable Facility Fire Protection Engineer, and the INL Fire Marshal shall assist the designated Fire Protection Program Manager, as necessary, in the execution of those duties.

## **4. DEFINITIONS**

For definitions of terms used throughout the INL Subcontractors Requirements Manual, refer to LST-359.

## **5. REFERENCES**

### **5.1 Source Documents**

OHSA 29 CFR 1926, Standards for Construction Industry

OSHA 29 CFR 1910, Standards for General Industry

NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations

NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films