

Idaho National Laboratory

TEMPORARY FACILITIES	Identifier: RD-2023
	Revision: 2
	Effective Date: 12/19/2012 Page: 1 of 4

Subcontractors	Program Requirements Document	eCR Number: 609359
----------------	-------------------------------	--------------------

Manual: INL Subcontractor Requirements

Entire Document Changed

1. PURPOSE

This document provides requirements for the locating, constructing, setting up, and using of temporary facilities, in order to ensure the safety of workers, visitors, property, and the environment. 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 who locate, construct, set up, or use temporary facilities at the INL, as specified in their contract with the 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 Location of Temporary Facilities**

3.1.1 Subcontractors shall work with the Contractor Point of Contact (POC) to ensure that temporary facilities are located appropriately and comply with the following requirements:

3.1.1.1 Exposures presented by structures such as exterior canopies and connecting walkways shall be considered when determining separation distances and protection features.

3.1.1.2 Tents and other fabric-type structures shall comply with the requirements in National Fire Protection Association (NFPA) 80A, Protection of Buildings from Exterior Fire Exposures.

3.1.1.3 Temporary facilities shall not be placed inside of another building or structure without sprinklers, unless a fire hazard analysis demonstrates that there is no significant increase of fire risk to the facility, and they shall be constructed of non-combustible material or of material having a fire resistance of not less than one hour.

3.1.1.4 Temporary facilities shall not be located where they impede or hinder personnel exit or entrance into, or within other facilities or structures.

TEMPORARY FACILITIES	Identifier: RD-2023	
	Revision: 2	
	Effective Date: 12/19/2012	Page: 2 of 4

- 3.1.1.5 Temporary facility locations shall meet the following criteria for emergency response:
- A. The locations shall permit emergency vehicles to operate within 100 feet of the facilities.
 - B. The facilities shall not block fire-fighting equipment.
 - C. The facilities shall not impede or hinder the access of emergency response vehicles to other facilities or structures.
 - D. The space between the structure and the road shall be free of natural obstructions that would prevent or severely restrict access by emergency responders.
 - E. Security barriers shall be designed to allow emergency access.
 - F. Landscaping and other obstructions shall not restrict emergency access.
- 3.1.1.6 The Contractor POC shall be contacted to determine whether the temporary facility location must be surveyed for ordnance and cultural resources before the facility is placed.
- 3.1.1.7 The temporary facility locations shall be evaluated for wildland fire exposures; where a significant fire risk exists, use appropriate fire-resistive building materials or other methods of protection as determined by the facility fire protection engineer.

3.2 Subcontractor Standards and Materials

- 3.2.1 All temporary weather protection enclosures shall be provided with adequate light and ventilation for personnel safety.
- 3.2.2 The following standards shall be met for installation of any temporary facility:
- A. Support and anchoring systems shall be properly designed and installed to resist overturning and lateral movement.
 - B. Open under-floor areas shall have skirting to prevent accumulation of combustibles and debris beneath the structures.

TEMPORARY FACILITIES	Identifier: RD-2023	
	Revision: 2	
	Effective Date: 12/19/2012	Page: 3 of 4

- C. Utility hookups shall include freeze protection and shall be approved by the Contractor POC.
- D. Service conductor clearances and disconnects shall comply with NFPA 70, the National Electrical Code, (NEC).

- 3.2.3 Facilities that will be occupied such as office, break, or lunch areas shall be tied down before occupancy begins.
- 3.2.4 Facilities that will be in one location for a period greater than 30 consecutive days and that will be used for storage only shall be tied down, with proper access maintained.
- 3.2.5 All electrical wiring shall be installed in accordance with the NEC, with particular attention given to Article 550.
- 3.2.6 Flammable and combustible materials shall be held to a minimum.
- 3.2.7 Applicable safety and fire protection requirements shall be met for all temporary facilities.

4. DEFINITIONS

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

5. REFERENCES

5.1 Source Documents

- 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response
- 29 CFR 1910.141, Sanitation
- 29 CFR 1926.51, Sanitation
- 29 CFR 1926.151, Fire Prevention
- 29 CFR 1926.1052, Stairways
- ANSI A17.1, Specifications for Making Buildings and Facilities Accessible to and Usable by the Physically Handicapped
- ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM E1307-89, Standard Practice for Surface Preparation and Structural Adhesive Bonding of Precured, Nonmetallic Composite Facings to Structural Core for Flat Shelter Panels
- NFPA 10, Standard for Portable Fire Extinguishers

Idaho National Laboratory

TEMPORARY FACILITIES	Identifier: RD-2023	
	Revision: 2	
	Effective Date: 12/19/2012	Page: 4 of 4

NFPA 13, Standard for the Installation of Sprinkler Systems

NFPA 70, National Electrical Code

NFPA 72, National Fire Alarm Code

NFPA 75, Standard for the Protection of Electronic Computer/Data Processing Equipment

NFPA 80A, Protection of Buildings from Exterior Fire Exposures.

NFPA 101, Life Safety Code

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

Underwriter's Laboratory, Building Materials Directory

Uniform Building Code