

Idaho National Laboratory

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	Revision: 2	
	Effective Date: 12/19/2012	
Subcontractors	Program Requirements Document	eCR Number: 609358

Manual: INL Subcontractor Requirements

Entire Document Changed

1. PURPOSE

This document establishes requirements for using safety signs, color codes, and barriers to warn employees of hazards that exist in their work area. This document highlights requirements referenced in the “Source Requirements” section, as well as Contractor requirements. Any applicable regulatory or Contractor requirements must be followed, with the most stringent requirement being met.

2. SCOPE AND 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 Signs and barricades shall meet the requirements of 29 CFR 1926 Subpart G “Signs, Signals, and Barricades.” Additional requirements specific to signs and barricades are specified below.

3.2 Use of Signs and Barriers

3.2.1 Standard approved safety signs, colors, and barriers shall be used to identify workplace hazards and provide safety instructions.

3.2.2 The standard, approved color codes identified in Appendix A shall be used at the INL.

3.2.3 Signs/barriers required by standards or Contractor requirements documents shall be in place before starting work.

3.2.4 Safety signs or barriers that have been placed for temporary use shall be removed promptly when the work is completed or the hazard no longer exists.

3.3 General Barricades

3.3.1 Stands or posts for general barricading shall be no more than 25 feet apart.

3.3.2 Stands or posts that are subject to wind shall be weighted so that they remain erect.

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3.3.3 Signs appropriate to the work hazards shall be liberally used around the service or construction work area. The maximum distance allowed from sign to sign is 50 feet.

3.4 Subcontractor Area Demarcation

3.4.1 The minimum space required to perform subcontract activities shall be designated.

3.4.2 If sidewalks or other access ways can safely be maintained through the service or construction work area, an effort shall be made to do so. If sidewalks are maintained through a subcontractor area, barriers (as described below) shall be established on both sides of the sidewalk.

3.4.3 Black and yellow rope, ribbon, tape or orange safety fence shall be used to create a "controlled" area around all subcontractor areas. Entry/exit access, (gates or personnel openings using stanchions etc.) into the subcontractor area shall be available without having to step over or under barriers.

3.4.4 Entry/exit locations shall be established for every controlled subcontractor area.

3.4.5 Subcontractor area demarcation signs shall state the following:

- A. CAUTION
- B. Subcontractor Area
- C. Authorized Personnel Only
- D. All visitors and non-authorized personnel must obtain access approval from [company name, designated person, with telephone number].
- E. List applicable PPE requirements.

3.4.6 Additional signs at entry/exit locations shall also include the name of the controlling organization's CFR, with site telephone number,

3.4.7 Subcontractor projects with multiple subcontractor activity locations shall be evaluated by CFR/STR/Safety representative and facility point of contact or designee for hazard controls to establish entry/exit requirements.

3.5 Access Control

3.5.1 Subcontractor shall control access requirements for controlled areas.

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3.5.1.1 Before crossing a barrier or entering into a controlled access zone, personnel shall comply with access requirements such as training, personal protective equipment (PPE), and permission for entry.

3.5.1.2 Any unauthorized person who is discovered in a controlled access zone shall be escorted to a safe area, and the work supervisor shall be immediately informed.

NOTE: *Other actions, such as performing an exposure assessment, may also need to be taken when an unauthorized person is found in an access control area.*

3.6 Maintenance of Signs and Barriers

3.6.1 Missing, damaged, or deficient signs or barriers shall be replaced promptly.

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 1926.200, Signs, Signals, and Barricades

6. APPENDICES

Appendix A, Color Codes and Definitions for Standard Safety Signs and Barriers

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Appendix A

Color Codes and Definitions for Standard Safety Signs and Barriers

Description	Definition
	Danger
Red	Also fire protection equipment
	Warning
Orange	Also construction fence
Magenta and yellow	radiation hazard
Yellow	Caution
	safety equipment
Green	also emergency egress
Blue	safety information
Black/Yellow	safety rope
	also construction areas
Any rope, chain, or tape*	barrier to unauthorized entry

* color or type not specified