

Requirements Documents

# HMIS-RD-SP-29096

## Tags, Signs and Barriers

Revision 0, Change 1

Published: 06/11/2021  
Effective: 06/08/2021

Program: Worker Safety and Health Program (851) Implementing  
Topic: Safety Programs

Subject Matter Expert: Marquardt, Matthew  
Functional Manager: Nielsen, Christopher E

## Use Type: N/A



- No USQ Required

**JHA:**  
**Periodic Review Due Date:**10/05/2028  
Rev. 0, Chg. 1

## Change Summary

### Description of Change

Pub Correction 14717: Updated SME

### 1.0 PURPOSE AND SCOPE

This Level 2 requirements document is applicable to Hanford Mission Essential Support Contract (HMESC) employees and establishes requirements for the design, application, and use of signs, colors, and symbols intended to identify and warn against specific hazards and for other accident prevention purposes. Warning garments have also been included in this requirements document.

### 2.0 REQUIREMENTS

On November 6, 2013 the U.S. Department of Energy, per Docket No. OSHA-2013-0005, updated 29 CFR 1910 & 1926 regulations by adding reference to the ANSI Z535 Standards.

**NOTE:** Under the requirement "type" column, "V" means verbatim and "I" means interpreted.

#	Requirement	Type V or I	Source
1.	<p>Accident Prevention sign and tag categories include:</p> <ul style="list-style-type: none"> <li>a. <i>Danger</i> which shall be used only where an immediate hazard presents a threat of death or serious injury to employees.</li> <li>b. <i>Warning</i> which shall be used to indicate a hazardous situation which, if not avoided, could result in death or serious injury.</li> <li>c. <i>Caution</i> which shall be used only to indicate a hazardous situation which, if not avoided, could result in minor or moderate injury.</li> <li>d. <i>Notice</i> is the preferred signal word to address practices not related to personal injury.</li> <li>e. <i>Safety Instruction</i> which shall be used to convey a safety message.</li> </ul>	I	<p>29 CFR 1926.200 (b, c, &amp; e); 29 CFR 1910.145 (c) and (f); ANSI Z535.2</p>
2.	Accident prevention signs and tags shall be visible at all times when work is being performed, and shall be removed or covered promptly when the hazard no longer exists.	I	<p>29 CFR 1926.200 (a); 29 CFR 1910.145 (f)(3)</p>
3.	Accident prevention signs and tags shall be of durable material to meet length of use and field condition needs. They shall be replaced if unreadable or deteriorated.	I	<p>10 CFR 851.23 (3) and (7)</p>

Published Date: 06/08/2021

Effective Date: 06/08/2021

4.	Accident Prevention tags shall be used as a temporary means of warning employees of an existing hazard, such as defective tools, equipment, etc.	I	29 CFR 1926.200 (h); 29 CFR 1910.145 (f)(3)
5.	Accident Prevention signs shall be placed in strategic and prominent locations.	I	10 CFR 851.23 (3) and (7)
6.	Accident Prevention sign and tag colors, size, and wording shall conform to ANSI Z535.1, <i>Safety Colors</i> , ANSI Z535.2, <i>Environmental and Facility Safety Signs</i> , ANSI Z535.3, <i>Criteria for Safety Symbols</i> , ANSI Z535.5, <i>Safety Tags and Barricade Tapes (for Temporary Hazards)</i> .  <b>NOTE:</b> <i>Existing safety tags, signs or tapes, in use that use the older format, may continue to be used until new or replacement tags, signs or tapes are needed.</i>	I	29 CFR 1926.200 (i); 29 CFR 1910.145 (a)
7.	Barrier tape, rope, or fencing, if used in conjunction with accident prevention signs, must be able to withstand the elements (i.e., wind and weather). The tape, rope, or fencing shall be maintained until the hazard no longer exists.	I	10 CFR 851.23(a) (3) and (7)
8.	When warning garments (i.e. vests or jackets) are used, they shall meet ANSI/ISEA107, <i>American National Standard for High-Visibility Safety Apparel and Headwear</i> criteria.	I	10 CFR 851.23(b); 29 CFR 1926.201 (a); HMISA, <i>Manual on Uniform Traffic Control Devices (MUTCD) Section 6E.02</i>

### 3.0 SOURCES

#### 3.1 Source References

10 CFR 851, *Worker Safety and Health Program*

29 CFR 1910, *Subpart J, General Environmental Controls*

29 CFR 1926, *Subpart G, Signs, Signals, and Barricades*

Federal Highway Administration, *Manual on Uniform Traffic Control Devices (MUTCD)-2003*

**NOTE:** *Employees may print off this document for reference purposes but are responsible to check HMIS Procedure System to ensure the most current version is used to prevent unintended use of obsolete versions.*

### 3.2 References

ANSI Z535.1-2011, *Safety Color Code*

ANSI Z535.2-2011, *Environmental Facility Safety Signs*

ANSI Z535.1-R2011, *Safety Colors*

ANSI Z535.2-2011, *Environmental and Facility Safety Signs*

ANSI Z535.3-2011, *Criteria for Safety Symbols*

ANSI Z535.5-2011, *Safety Tags and Barricade Tapes (for Temporary Hazards)*

ANSI/ISEA107-2004, *American National Standard for High-Visibility Safety Apparel and Headwear*