

<b>OCCUPATIONAL SAFETY AND HEALTH PROGRAM</b>	Identifier: PRD-186
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Companywide	Program Requirements Document	For Additional Info: <a href="http://EDMS">http://EDMS</a>	Effective Date: 03/20/13
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Manual: 14A – Safety and Health – Occupational Safety and Fire Protection

**USE TYPE 3**

Change Number: 338534

\*The current revision can be verified on EDMS.

## 1. PURPOSE

This document provides the requirements necessary to execute the Occupational Safety and Health Program at the Idaho Cleanup Project (ICP) to protect employees from occupational safety hazards. [PDD-851, “Worker Safety and Health Program”]

## 2. APPLICABILITY

These requirements apply to all work activities at the ICP. [PDD-851, “Worker Safety and Health Program”]

## 3. REQUIREMENTS

### 3.1 **Contractor Senior Management shall ensure a written Safety and Health Program is established, implemented, and maintained that:**

- A. Provides a place of employment free from recognized hazards that are causing or are likely to cause death or serious physical harm to employees [PDD-851, “Worker Safety and Health Program”]
- B. Integrates occupational safety and health related requirements for worker protection [PDD-851, “Worker Safety and Health Program”]
- C. Achieves regulatory compliance through the identification, analysis, and controls of hazards in the work place [PDD-851, “Worker Safety and Health Program”]
- D. Integrates worker protection requirements into the Occupational Safety and Fire Protection Manual (TOC-48), Occupational Medicine and Industrial Hygiene Manual (TOC-49), and the Subcontractors Requirements Manual (TOC-59). [PDD-851, “Worker Safety and Health Program”]

### 3.2 **Contractor Senior Management shall be committed to:**

- A. Providing outstanding safety and health protection to employees through management systems and employee involvement [PRD-5119, “The Program Requirements For The Voluntary Protection Star Process At The ICP”]

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- B. Achieving and maintaining the goals and objectives of the DOE Voluntary Protection Programs (VPP) for STAR status [PRD-5119, “The Program Requirements For The Voluntary Protection Star Process At The ICP”]
- C. Correcting identified hazards in a timely manner. [Contractor practice]

### **3.3 Contractor Management shall:**

- 3.3.1 Use qualified occupational safety and health staff to direct, manage, and support the worker protection program. [PDD-851, “Worker Safety and Health Program”]
- 3.3.2 Assign worker protection responsibilities, evaluate personnel performance, and hold personnel accountable for worker protection performance. [PDD-851, “Worker Safety and Health Program”]
- 3.3.3 Encourage employee involvement in the development of program goals, objectives, and performance measures and in the identification and control of hazards in the workplace. [PRD-5119, “The Program Requirements For The Voluntary Protection Star Process At The ICP”]
- 3.3.4 Provide workers the right, without reprisal, to:  
[PDD-851, “Worker Safety and Health Program”]
  - 3.3.4.1 Accompany DOE personnel during workplace inspections; [PDD-851, “Worker Safety and Health Program”]
  - 3.3.4.2 Participate in activities provided for herein on official time; [PDD-851, “Worker Safety and Health Program”]
  - 3.3.4.3 Express concerns related to worker protection; [PDD-851, “Worker Safety and Health Program”]
  - 3.3.4.4 Decline to perform an assigned task because of a reasonable belief that, under the circumstances, the task poses an imminent risk of death or serious bodily harm to that individual, coupled with a reasonable belief that there is insufficient time to seek effective redress through the normal hazard reporting and abatement procedures established in accordance with the requirements herein; [MCP-553, “Step Back and Stop Work Authority”]
  - 3.3.4.5 Have access to DOE worker protection publications, DOE-prescribed standards, and the organization's own worker protection standards or procedures applicable to the workplace; [PDD-851, “Worker Safety and Health Program”]

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- 3.3.4.6 Observe monitoring or measuring of hazardous agents and have access to the results of exposure monitoring; [PDD-851, “Worker Safety and Health Program”]
- 3.3.4.7 Be notified when monitoring results indicate they were overexposed to hazardous materials; and [PDD-851, “Worker Safety and Health Program”]
- 3.3.4.8 Receive results of inspections and accident investigations upon request. [PDD-851, “Worker Safety and Health Program”]
- 3.3.5 Implement procedures to allow workers, through their supervisors, to step back or stop work when they discover employee exposures to imminent danger conditions or other serious hazards. [MCP-553, “Step Back and Stop Work Authority”]
- 3.3.6 Inform workers of their rights and responsibilities by appropriate means, including posting the appropriate DOE Worker Protection Poster in the workplace where it is accessible to all workers. [PDD-851, “Worker Safety and Health Program”]
- 3.3.7 Identify existing and potential workplace hazards and evaluate the risk of associated worker injury or illness by: [MCP-3562, “Hazard Identification, Analysis, and Control of Operational Activities and STD-101 ICP Integrated Work Control Practice”]
  - A. Analyzing and reviewing designs for new facilities and modifications to existing facilities and equipment; operations and procedures; and equipment, product, and service needs [PRD-5042, “Facility Hazard Identification”]
  - B. Evaluating workplaces and activities (accomplished routinely by workers, supervisors, and managers and periodically by qualified worker protection professionals). [PRD-25, “Activity Level Hazard Identification, Analysis, and Control”]
  - C. Reporting and investigating accidents, injuries, and illnesses and analyze related data for trends and lessons learned. [MCP-49, “Occupational Injury/Illness Reporting and Follow-up”]

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- 3.3.8 Implement a hazard prevention/abatement process to ensure that all identified hazards are managed through final abatement or control. [MCP-3562, “Hazard Identification, Analysis, and Control of Operational Activities and STD-101 ICP Integrated Work Control Practice”]
- 3.3.8.1 Hazards identified either in the facility design or during the development of procedures, shall have controls incorporated in the appropriate facility design or procedure. [MCP-3562, “Hazard Identification, Analysis, and Control of Operational Activities” and STD-101, “ICP Integrated Work Control Practice”]
- 3.3.8.2 Existing hazards identified in the workplace shall have;
- A. Abatement actions prioritized according to risk to the worker and be promptly implemented
  - B. Interim protective measures shall be implemented pending final abatement
  - C. Workers shall be protected immediately from imminent danger.
- 3.3.8.3 Hazard control methods shall be selected based on the following hierarchy: [PDD-851, “Worker Safety and Health Program”]
- A. Eliminate the hazard
  - B. Engineering controls
  - C. Work practices and administrative controls that limit worker exposures
  - D. Personal protective equipment.
- 3.3.9 Ensure employees possess the experience, knowledge, skills, and abilities that are necessary to discharge their responsibilities. [PDD-851, “Worker Safety and Health Program”]
- 3.3.10 Provide employees, supervisors, managers, and visitors with worker protection training. [PDD-851, “Worker Safety and Health Program”]

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3.3.11 Comply with the following Department of Energy safety requirements: [10 CFR 851, “Worker Safety and Health Program”]

- A. Title 10 Code of Federal Regulations (CFR) 850, “Chronic Beryllium Disease Prevention Program”
- B. Title 29 CFR, Parts 1904.4 through 1904.11, 1904.29 through 1904.33; 1904.44, and 1904.46, “Recording and Reporting Occupational Injuries and Illnesses”
- C. Title 29 CFR, Part 1910, “Occupational Safety and Health Standards,” excluding 29 CFR 1910.1096, “Ionizing Radiation”
- D. Title 29 CFR, Part 1926, “Safety and Health Regulations for Construction”
- E. American Conference of Governmental Industrial Hygienists (ACGIH), “Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices” (2005)
- F. American National Standards Institute (ANSI) Z88.2, “American National Standard for Respiratory Protection” (1992)
- G. ANSI Z136.1, “Safe Use of Lasers” (2000)
- H. ANSI Z49.1, “Safety in Welding, Cutting and Allied Processes,” Sections 4.3 and E4.3 (1999)
- I. National Fire Protection Association (NFPA) 70, “National Electrical Code” (2005)
- J. NFPA 70E, “Standard for Electrical Safety in the Workplace,” (2004) with portion of 2009 edition [contract modification]
- K. DOE M 440.1-1A, DOE Explosives Safety Manual, (Attachment 2)
- L. DOE-STD-1090, “Hoisting and Rigging” (2011)
- M. DOE O 231.1B, “Environment, Safety and Health Reporting Manual” (2004) [contract modification]

3.3.12 Ensure that subcontractors performing work for ICP on DOE-owned or leased facilities comply with this document and other safety related requirements in their contract. [PDD-851, “Worker Safety and Health Program and Subcontractors Requirements Manual”]

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3.4 **ESH&Q Managers** shall support the Occupational Safety and Health program in their assigned projects and coordinate technical resource coverage with other ESH&Q Managers. [Contractor practice]

3.5 **Occupational Safety and Health Director** shall interpret Safety and Health requirements for use at the ICP. [Contractor practice]

**4. DEFINITIONS**

None

**5. REFERENCES**

10 CFR 850, “Chronic Beryllium Disease Prevention Program”

10 CFR 851, “Worker Safety and Health Program”

DOE M 440.1-1A, “DOE Explosives Safety Manual”

DOE-STD-1090, “Hoisting and Rigging”

DOE O 231.1B “Environment, Safety and Health Reporting Manual”

29 CFR 1904, “Recording and Reporting Occupational Injuries and Illnesses”

29 CFR 1910, “Occupational Safety and Health Standards for General Industry”

29 CFR 1926, “Occupational Safety and Health Regulations for Construction”

American Conference of Governmental Industrial Hygienists (ACGIH), “Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices” (2005)

ANSI Z49.1, “Safety in Welding, Cutting and Allied Processes,” Sections 4.3 and E4.3 (1999)

ANSI Z136.1, “Safe Use of Lasers” (2000)

ANSI Z88.2, “American National Standard for Respiratory Protection” (1992)

National Fire Protection Association (NFPA) 70, National Electrical Code (2005)

NFPA 70E, “Electrical Safety Requirements for Employee Workplaces” (2004)

ASME “Boiler and Pressure Vessel Code, Sections I – XII” 2004 edition

STD-101, “ICP Integrated Work Control Process”

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PDD-851, “Worker Safety and Health Program”

PRD-25, “Activity Level Hazard Identification, Analysis, and Control”

PRD-5042, “Facility Hazard Identification”

PRD-5119, “The Program Requirements For The Voluntary Protection Star Process At The ICP”

MCP-49, “Occupational Injury/Illness Reporting and Follow-up”

MCP-553, “Step Back and Stop Work Authority”

MCP-3562, “Hazard Identification, Analysis, and Control of Operational Activities”

## **6. APPENDIXES**

None