

**Administrative Procedure, Level 1 - Company Wide**

# **CPCC-PRO-OP-40126**

**PRC-PRO-OP-40126**

## **Equipment and Piping Labeling**

Revision 0, Change 2

Published: 02/25/2026

Effective: 02/25/2026

Periodic Review Due Date: 02/25/2031

Program: Operations Program

Topic: Operations

Technical Authority: Doeblar, Jeremiah J

Functional Manager: Bilskis, Jennifer O

## **Use Type: Administrative**



<b>USQ Facility</b>	<b>USQ Review</b>	<b>Screener</b>
105 KW Facility	GCX-2 (Editorial Changes)	Zyph, Stephanie M
324 Building	GCX-2 (Editorial Changes)	Zyph, Stephanie M
Canister Storage Building/Interim Storage Area	GCX-2 (Editorial Changes)	Zyph, Stephanie M
Capsule Storage Area	GCX-2 (Editorial Changes)	Zyph, Stephanie M
D4ES-Central Plateau	GCX-2 (Editorial Changes)	Zyph, Stephanie M
Solid Waste Operations Complex	GCX-2 (Editorial Changes)	Zyph, Stephanie M
Transportation	GCX-2 (Editorial Changes)	Zyph, Stephanie M
Waste Encapsulation Storage Facility	GCX-2 (Editorial Changes)	Zyph, Stephanie M
<b>JHA: Administrative</b>		
<b>Periodic Review Due Date:02/25/2031</b>		
Rev. 0, Chg. 2		

## Change Summary

### Description of Change

Update 6.3 Basis by removing the guide to good practices and adding DOE-HDBK-1226-2019, Conduct of Operations Implementation

**Equipment and Piping Labeling**

Published Date: 02/25/26

Effective Date: 02/25/26

**1.0 INTRODUCTION****1.1 Purpose**

This procedure establishes the requirements to implement Attachment 2, Paragraph 2.r, “Component Labeling,” of U.S. Department of Energy (DOE) O 422.1, *Conduct of Operations*.

**1.2 Scope**

This procedure describes the important aspects of operations involvement in equipment and piping labeling.

**1.3 Applicability**

This procedure applies to Central Plateau Cleanup Company (CPCCo) projects.

**1.4 Implementation**

This procedure is effective upon publication.

**2.0 RESPONSIBILITIES**

**NOTE:** *The project is responsible to assign the appropriate personnel to perform the duties listed within this procedure when project-specific job titles are different than those listed in this procedure.*

**2.1 Operations Manager (OM)/Facility Manager**

- Responsible for implementation of the requirements of this procedure at the project level and to ensure personnel comply with those requirements.
- Assigns personnel to perform the duties within this procedure when project specific job titles are different than those identified in this procedure.

**2.2 Shift Operations Manager (SOM)/OM Designee**

- Responsible for coordination of work activities performed in the project.
- Provides direction to the Field Work Supervisor (FWS) and/or field personnel as applicable.

**2.3 Field Work Supervisor (FWS)**

- An individual trained and qualified to supervise work teams and ensure the safe and compliant performance of field work.

**2.4 Operations (OPS)**

- Responsible for performing operational activities to support operations and maintenance of the project.

**Equipment and Piping Labeling**

Published Date: 02/25/26

Effective Date: 02/25/26

**3.0 PROCESS****3.1 Components Requiring Labeling**

Component labeling will be maintained consistently (as is/unchanged) on legacy equipment while standardized format and colors consistent with OSHA/ANSI standards will be applied to newly installed systems. Labeling of systems that are no longer in service will not be maintained.

<b>Actionee</b>	<b>Step</b>	<b>Action</b>
OM	1.	<p>ENSURE appropriate facility equipment is identified and labeled, examples include:</p> <ul style="list-style-type: none"> <li>• Valves</li> <li>• Major equipment (e.g., tanks, pumps, and compressors)</li> <li>• Switches</li> <li>• Circuit breakers</li> <li>• Fuse blocks or fuse locations</li> <li>• Instruments and gauges</li> <li>• Buses and motor control centers</li> <li>• Cabinets (including internal components such as relays terminals, etc.).</li> <li>• Room doors</li> <li>• Emergency equipment (such as fire alarm pull stations, sound powered phone headsets, eyewash station, etc.).</li> <li>• Fire protection systems</li> <li>• Piping</li> <li>• Any named structures, systems, and components (SSC), item, or operator control.</li> </ul>

**Equipment and Piping Labeling**

Published Date: 02/25/26

Effective Date: 02/25/26

**3.2 Label Information**

<i>Actionee</i>	<i>Step</i>	<i>Action</i>
SOM	1.	<p>ENSURE labels are consistent with the information found in facility technical work documents, safety basis documentation, and piping and instrument diagrams consistent with the following criteria:</p> <ul style="list-style-type: none"> <li>• Standard facility abbreviations and nomenclature used should be standardized and should be understood by facility personnel.</li> <li>• Should be permanent, securely attached, and have distinguishable, easy-to-read information.</li> <li>• Each component label should list a unique component number.</li> <li>• Accompanying component noun name or description and power supply, if applicable.</li> <li>• May be color-coded for unit, system, train designation, or a combination of these designations.</li> <li>• Use OSHA color-coding standards for pipes containing potentially radioactive fluids, toxic fluids, or explosive gases, and ensure this piping is uniquely marked and identified.</li> <li>• Color-coding should be applied consistently and have only one meaning per color or combination.</li> <li>• Piping should be labeled to indicate the fluid contained and the normal flow direction.</li> </ul> <p>2. ENSURE label materials and attachment materials are compatible with their particular application (e.g. chloride-free labels should be used on stainless steel piping, and temperature-tolerant labels should be used on hot components).</p>

**3.3 Label Placement**

<i>Actionee</i>	<i>Step</i>	<i>Action</i>
SOM	1.	ENSURE labels are installed on or as near as practicable to the equipment to be labeled and oriented in a manner that is easy to read.
	2.	ENSURE labels do not interfere with the safe operation of equipment or obscure indicators.

**Equipment and Piping Labeling**

Published Date: 02/25/26

Effective Date: 02/25/26

**3.4 Replacing Labels**

<i>Actionee</i>	<i>Step</i>	<i>Action</i>
SOM	1.	ENSURE lost or damaged labels are replaced with a permanent label or temporary label in accordance with CPCC-PRO-OP-23749, <i>Miscellaneous Facility Tags</i> .
	2.	ENSURE the new label meets the criteria for label information as addressed in Section 3.2 of this procedure.
ALL	3.	IDENTIFY labels in the plant that are damaged, missing, or have erroneous information.
	4.	NOTIFY the SOM of damaged or missing labels.
SOM	5.	ENSURE a work request is initiated for labels per CPCC-PRO-WKM-12115, Work Management, as required.
ALL	6.	VERIFY correct installation of replacement labels per applicable technical work document.

Published Date: 02/25/26

Effective Date: 02/25/26

---

**4.0 FORMS**

None

**5.0 RECORD IDENTIFICATION**

None

**6.0 SOURCES**

**6.1 Requirements**

CPCC-PRO-OP-696, *Conduct of Operations*  
CRD O 422.1 (Supp), *Conduct of Operations*

**6.2 References**

CPCC-PRO-OP-23749, *Miscellaneous Facility Tags*  
CPCC-PRO-WKM-12115, *Work Management*

**6.3 Bases**

DOE-HDBK-1226-2019, *Conduct of Operations Implementation*