

CCP-TP-510

Revision 1

CCP Remote-Handled Radiography Test and Training Drum Requirements

EFFECTIVE DATE: 11/10/2010

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APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	11/16/2006	Initial Issue.
1	11/10/2010	Revised to remove reference to CCP-PO-001, <i>CCP Transuranic Waste Characterization Quality Assurance Project Plan</i> .

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1.0 PURPOSE

The purpose of this procedure is to provide the requirements for the assembly of remote-handled (RH) nondestructive examination (NDE) test drums, which are used to qualify Radiography Operators in accordance with DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* (WCPIP), and CCP-QP-002, *CCP Training and Qualification Plan*.

1.1 Scope

This procedure assembles NDE test/training drums representative of the Waste Matrix Codes (WMC) for which Waste Stream Profile Form (WSPF) approval is sought.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

Referenced Documents

- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* (WCPIP)
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-008, *CCP Records Management*

3.0 RESPONSIBILITIES

3.1 Vendor Project Manager (VPM)

3.1.1 Ensures that test drums are constructed in accordance with the requirements of this procedure.

3.1.2 Completes Attachment 1, CCP RH Radiography Test Drum Inventory Sheet.

3.2 CCP Training

3.2.1 Tracks the use of test drums to ensure that testing of NDE Operators is conducted on drums as specified in CCP-QP-002.

3.3 Facility Records Custodian

3.3.1 Receives, processes, and transmits all records generated by this procedure in accordance with CCP-QP-008, *CCP Records Management*.

4.0 PROCEDURE

4.1 Test Drum Assembly

VPM

- 4.1.1 Review the Acceptable Knowledge (AK) documentation for the waste streams to be characterized.
- 4.1.2 Identify **AND** obtain the items that can be identified by Real-Time Radiography (RTR), items that are representative of the physical properties of the waste based on AK documentation reviewed (including containers of various sizes), and prohibited items (i.e., liquid in excess of one percent).
- 4.1.3 Obtain packaging materials to match the packaging described in the AK documentation reviewed.
- 4.1.4 Construct the test drum(s) as follows:

NOTE

NDE Test Drum Identification Number format is INL-RH-NDE-TEST-01, INL-RH-NDE-TEST-02, etc., with a site identifier at the beginning of the number.

NOTE

The test drum may be a 55-gallon or 30-gallon drum consistent with the AK documentation for packaging.

- [A] Label the test drum with a unique identification number obtained from CCP Training.
- [B] Record the Test Drum Identification Number and date on Attachment 1.
- [C] Check the applicable Summary Category Group box(es) representing the WMCs being examined.
- [D] Check YES or NO to indicate the presence of liner(s) on Attachment 1, if required.
 - [D.1] **IF** a liner is present,
THEN check the liner type on Attachment 1.
- [E] Check YES, NO or NA for Liner Vented on Attachment 1, if required.

NOTE

Items must include prohibited items (e.g., liquids in excess of one percent.)

- [F] Place the items identified from the AK documentation in the test drum.
 - [G] Record the placement of items (step 4.1.4[F]) in the Comments section on Attachment 1.
 - [H] Secure the lid to the test/training drum using the outside ring.
 - [I] Place a tamper-indicating device/lock on the test/training drum.
 - [J] Print name, sign, **AND** record time and date on Attachment 1.
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NOTE

One drum may be used for multiple waste Summary Category Groups, if the drum is divided into representative layers.

4.1.5 Repeat steps in Section 4.1.4 for each test drum constructed.

4.1.6 Forward Attachment 1 to the Facility Records Custodian.

Facility Records Custodian

4.1.7 Receive, process, or transmit Attachment 1 in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as Quality Assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Nonpermanent

[A] Attachment 1 – CCP RH Radiography Test Drum Inventory Sheet

Attachment 1 – CCP RH Radiography Test Drum Inventory Sheet

Test/Training Drum Identification Number:		Date:	
Summary Category Group(s) <input type="checkbox"/> S3000 <input type="checkbox"/> S4000 <input type="checkbox"/> S5000			
Drum Type: <input type="checkbox"/> DOT Type A 55-gallon drum <input type="checkbox"/> 30-Gallon Drum			
Waste container liner?		No	
		Yes (identify)	Plastic bag liner
			Rigid liner
Other liner type			
Liner vented? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA			
Drum contents:			
1.	14.		
2.	15.		
3.	16.		
4.	17.		
5.	18.		
6.	19.		
7.	20.		
8.	21.		
9.	22.		
10.	23.		
11.	24.		
12.	25.		
13.	26.		
Comments:			
Completed by:			
VPM Printed Name		Time	
VPM Signature		Date	