

**Oak Ridge National Laboratory (ORNL)**  
**Transportation and Packaging Management (TPM)**  
 Container Preparation and Filling Instructions/Checklist

UN 10-gallon Open Head (OH) Lever Lock Drum

ORNL-CHK-50, Rev. 0

Issued: 03/01/2004

Revised:

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**INSTRUCTIONS:** Complete the activities below following the instructions in Section A. Activities should be checked off as performed. The completed checklist should then be signed by the Operating Personnel completing the checklist and submitted to the Operations Supervisor for approval for shipment.

**NOTE 1:** The maximum allowable gross weight is printed on the side of each drum in kilograms [ex., 120 kg (264 lbs)]. Allowable weight applies to Packaging Groups I, II or III for solid materials, or Packaging Groups II or III for liquid materials.

**NOTE 2** If this drum is to be used as a **DOT 7A Type A** RAD packaging, it is **ONLY** to be used for solids. Reference **ORNL-PKG-54** for Container Preparation and Filling Instruction/Checklist

**NOTE 3** Drums must be closed in accordance with these specific instructions furnished, and tested, by the manufacturer for each specific type/size drum, in order to be in compliance with DOT HAZMAT regulations. [49 CFR, ¶178.2(c)(1)]

**A. UN 1A2/X [UN 1A2/Y] 10-Gallon (OH) Lever Lock Drum**  
**Stores Catalog No. 02-112-6510**

*Note: Items marked (#) are solely generator's/filler's responsibility.*

**Operating Personnel**

- \_\_\_\_\_ 1. (#) Inspect the drum to be filled to ensure that it is in good physical condition and that no critical dents/damages, etc. exist that could cause or develop into a leak during normal storage or in transportation.
- \_\_\_\_\_ 2. (#) Ensure that the material being filled in the drum is compatible with (will not react, soften, or attack) the drum's internal fiber surface.
- \_\_\_\_\_ 3. **IF** the drum is to be filled with solid hazardous materials/waste, **THEN** Fill the drum according to the requirements/limitations specified in [NOTE 1](#) above.
- \_\_\_\_\_ 4. (#) [*Skolnik*<sup>1</sup>] Ensure that the gasket is properly fitted into the cover groove, is in good condition, and is adhered to the drum lid on filled drums *prior* to placing the lid on the filled drum.
- \_\_\_\_\_ 5. (#) Position cover on to the drum curl being careful to ensure that the gasket sits around the bead.
- \_\_\_\_\_ 6. (#) Fully open the Toggle Lever and place expanded ring on to the drum cover with the vertical skirt hugging the drum body.



#6 Expanded ring being placed on Drum

<sup>1</sup>These "Closing Instructions" are specifically for CS OH Lever Lock drums manufactured by Skolnik Industries—Identification marking code on drum side is: SDCC. [see [NOTE 3](#) above]

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**Operating Personnel**



#7 Lever being closed slowly

- \_\_\_\_\_ 7. (#) Slowly close the Toggle Lever so that the outer ring engages the cover / body juncture.
- \_\_\_\_\_ 8. (#) Downward pressure along with tapping the outside of the ring may assist in an even closure.
- \_\_\_\_\_ 9. Once closed for shipment, engage latch to lock the lever into place.
- \_\_\_\_\_ 10. **IF** generator/filler is responsible for preparing package for transport, **THEN**  
Label and mark the drum in accordance with the current ORNL/Department of Transportation (DOT) requirements. For off-site shipments, contact the ORNL Transportation and Packaging Management organization for appropriate DOT marking and labeling.
  
- IF** generator/filler is *not* responsible for preparing package for transport, **THEN**  
This item is not applicable and should be marked **N/A**.
- \_\_\_\_\_ 11. Sign and date the checklist in the appropriate signature block verifying that the activities have been performed and the checklist completed.
- \_\_\_\_\_ 12. Submit this completed checklist to the Operations Supervisor for approval for shipment.
- \_\_\_\_\_ 13. Verify that all defined activities have been successfully completed.
- \_\_\_\_\_ 14. Sign and date the checklist in the appropriate signature block, approving the container for shipment.

**Operations Supervisor**

**APPROVED FOR SHIPMENT:**

<b>Operating Personnel:</b>	<b>Date:</b>
<b>Operations Supervisor:</b>	<b>Date:</b>

<b>Prepared by:</b>	ORNL TPM Organization	
<b>Approved by:</b>		March 1, 2004
	Jeff Shelton, Manager (576-6401) ORNL TPM - Packaging Operations	