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# JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

## ENVIRONMENT, HEALTH & SAFETY – RADIOACTIVE WASTE MOVING LOADED DRUMS

TASK	HAZARDS	CONTROLS
1. Loading the drum onto a four-wheeled drum handler.	Pinch from the hand truck chime hook.	Grab the chime hook only from the top while placing the chime hook.  Wear leather or similar gloves.
	Back strain from tilting.	Position your body to use your weight and the leverage of the drum hand truck to tilt the drum.  Make sure the bottom of the drum is as close to the axial of the wheels as possible.  Check the condition of the hand truck to insure it can handle the weight.
2. Moving the drum.	Back and muscle strain.	Make sure the hand truck is properly positioned to balance the weight.
3. Putting the drum back on the floor.	Back and muscle strain, and impact injury.	Position your body to use your weight and the leverage of the hand truck to tilt the drum.  Make sure the bottom of the drum is as close to the axial of the wheels as possible.  Let the drum fall if you lose control on the way down.

<b>Other Information:</b> <b>Contributors:</b> <b>Created:</b> <b>JSA Library Number:</b>	4. Removing the hand truck from the drum.	Back and muscle strain during the removal of the hand truck from under the drum.	Lean into the top of the hand truck to slightly tip the drum so the hand truck slide out from under the drum (your weight and leverage).	
		Pinch from the hand truck chime hook.	Grab the chime hook only from the top while releasing the chime hook.  Wear leather or similar gloves.	
	<b>Required Training:</b> 1. Use of the Drum Handler. 2. Hazards associated with drum contents.		<b>Required Personal Protective Equipment (PPE):</b> Leather or similar gloves, safety glasses, steel-toed shoes	
	For more information about this JSA, contact the <i>Office of Environment, Health and Safety</i> at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 • <a href="http://www.ehs.berkeley.edu">http://www.ehs.berkeley.edu</a>			