

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

ENVIRONMENT, HEALTH & SAFETY – CHEMICAL WASTE OPENING/CLOSING DRUMS WITH AIR WRENCH (OPEN-HEAD DRUMS)

| TASK | HAZARDS | CONTROLS |
|--|---|---|
| 1. Use air wrench to remove closure bolt. | Hand injuries. | Ensure air wrench is properly positioned on bolt head. |
| | Slipping, tripping and falling. | Do not lay air line across high-traffic areas. Be aware of air line. Route it away from you. |
| 2. Remove lid ring. | Hand and finger injury (pinches). | Wear heavy gloves. |
| 3. Hand and finger injury (cuts). | Hand and finger injury (cuts). | Wear heavy gloves. |
| 4. Fill drum (Lab Pack). | Back or muscle strain. | Avoid long periods of repetitive motion (reaching into drum). Keep the drum flat on the base balance when reaching inside. |
| 5. Closing drum is reverse of tasks 1-3. | (See hazards 1-3). | (See controls 1-3). |
| Required Training: 1. Familiarization with air tools. 2. Familiarization with this JSA. | Required Personal Protective Equipment (PPE) Steel-toed boots, lab coat or tyvek suit, safety glasses, and cotton or leather gloves | |

Other Information:

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