SHEETROCK WITH ACM JOINT COMPOUND

REMOVAL OPERATING PROCEDURE

APPLICATION

Removal of the sheetrock amounts that will fit into a 60-inch by 60-inch asbestos waste bag. This procedure must be followed to ensure that safety and legal requirements are met when employees perform sheetrock removal.

SPECIAL INSTRUCTIONS

- **Equipment required:**
  - Appropriate signs and barricades;
  - All-purpose Tyvek protective clothing;
  - Half-mask respirator with HEPA cartridges;
  - HEPA vacuum;
  - Surfactant;
  - Encapsulant;
  - 6-mil plastic bags properly marked "Asbestos" per OSHA's Asbestos Construction Standards regulation 29 CFR 1926.1101;
  - The Hudson sprayer.
- **Training required:**
  - Personnel must have 16 hours of training (asbestos workers are required to undergo an initial 32 hours of training and 8 hours of refresher training annually).
- **Contact:** Building Manager, EH&S Industrial Hygiene.
- Work will be performed in accordance with OSHA's Asbestos Construction Standards regulation 29 CFR 1926.1101.
- EH&S Industrial Hygiene (IH) must be notified of each LBNL job.
- The Supervisor will develop a Task Hazard Analysis (THA) for review by EH&S IH.
- The quantity of the material to be abated in accordance with the work must be no more than what can fit within a 60-inch by 60-inch asbestos waste bag.

WORK STEPS

1. Notify the Building Manager and all interested parties that removal of asbestos-containing materials (ACM) is about to start.
2. Clear the area and post with proper warning signs reading "DANGER ASBESTOS, Cancer and Lung Disease Hazard, Authorized Personnel Only, Respirators and Protective Clothing are Required in this Area."
3. Wear all-purpose Tyvek protective clothing with the hoods and feet and half-mask respirator with an HEPA filter.
4. Contact the EH&S Industrial Hygienist to determine negative pressure enclosure requirements.
5. If possible, dampen the area of sheetrock to be cut with water containing a surfactant. Cut out the area of the tape joint without disturbing the joint compound, and use HEPA vacuum to collect the dust from the cut.

6. Remove the sheetrock that contains the asbestos-containing joint compound from the stud and double-bag in 6-mil plastic bags, maintaining the material in a damp state. Continue until removal is complete.
7. Place bags containing asbestos waste in a clean 6-mil bag(s) and remove from the containment area. Affix completed hazardous waste labels.
8. Vacuum the area with a HEPA vacuum.
9. Vacuum the Tyvek coverall with a HEPA vacuum, then damp-wipe.
10. Leave the product at the site. Contact EH&S Waste Management for disposal requirements.
11. Mark the bag with the room and building numbers. Completely fill out the hazardous waste label and the asbestos warning label. Apply the labels to the bag.
12. Fill out the Hazardous Disposal Requisition form and contact EH&S for disposal of the bagged waste.
13. Remove all signs and equipment and return the area to a normal status.
14. Inform the Building Manager when the job is complete.

RESPONSIBILITIES AND CONTROLS

Provide signature lines as follows:

REV NO.	SME/Title	REV/Title	APPROVED/Title	DATE	EFFECTIVE DATE
1	Rob Connelly EH&S Industrial Hygiene Management Group	John Tully Facilities Scheduled Work Center Structural Services Supervisor	Dennis Nielsen Facilities Small Projects Department Head	3/2/09	3/2/09

Jim Murphy
Facilities Immediate Maintenance Supervisor