**Paint Scraping/Sanding Procedure**

**Procedures for scraping/sanding paint from the ceilings of the Basic Medical Sciences Building**

Scraping/sanding of ceiling paint in the Basic Medical Sciences poses specific hazards due to the presence of lead in the paint and the potential for disturbing asbestos debris above the metal ceiling. The following precautions must be taken when performing this work.

Prior to commencing work the Environmental Health and Safety (EHSO) must be notified to help perform a site specific hazard assessment. This may include sampling to quantify lead content in the ceiling paint, visual assessments of the work area and the interstitial space above. An asbestos cleanup of the interstitial space may be required in addition to any standard site preparations such as decommissioning and/or relocation of lab chemicals and/or equipment.

**Required Equipment:**

- HEPA vacuum, hose and accessories
- Duct tape
- Rip proof poly and any required framing materials
- Hand scraper or a sander unit fitted with a proper HEPA vacuum attachment (subject to the approval of a EHSO)
- 6 mil polyethylene bags (*not asbestos marked bags*)

**Personal Protective Equipment:**

- Half-faced respirator fitted with P-100 HEPA cartridges
- Disposable coveralls
- Disposable gloves
- Eye protection

**Work Procedures:**

1. Ensure that all site preparation relevant to asbestos and decommissioning has been completed
2. Isolate the work area with the use of rip proof poly and framing to prevent the migration of airborne paint particulates
3. Drape fixed furnishings or equipment with poly to facilitate clean-up
4. Affixing signage to the work area to keep unauthorized people from entering for the duration of the work
5. Shut down or isolate any active HVAC in the area
6. Don personal protective equipment consisting of disposable coverall with attached booties, respirator, goggles and disposable gloves
7. Proceed with work using HEPA fitted sander or a hand scraper
8. Keep worksite clean by HEPA vacuuming paint chips/debris at regular intervals
9. Any porous material that cannot be adequately cleaned (such as paper or cardboard) that is visibly contaminated should be disposed
10. Any contaminated waste must be sealed into 2X poly bags for disposal. The properly packaged waste may then be disposed of as construction debris – Do not dispose of these bags in manner in which they will be compacted (i.e. not into the compactor at the Brodie loading dock)
11. Upon exiting the work area:
   a.) Doff disposable coverall and gloves and place into sealed poly bag for disposal
   b.) Remove respirator and seal cartridges with duct tape for reuse or disposal
12. Following good hygiene practices, thoroughly wash hands and face