

Work Above Asbestos-containing Ceilings

Textured acoustic plaster on the ceilings and upper portions of walls throughout Zones 1 and 2 of the Education Building located on the Fort Garry Campus of the University of Manitoba have been determined to contain Chrysotile asbestos. These procedures must be followed for all work within the ceiling space. The use of respirators and disposable coveralls is mandatory.

All work is to be conducted in conjunction with all other requirements and procedures as set forth under Appendix K of the AMP document.

Ceiling Access Through Existing Light Fixture Openings and/or Metal Access Hatches

Required Equipment & Supplies:

- Approved asbestos warning signage.
- Asbestos caution tape.
- Polyethylene drop sheet (6 mil or better).
- Necessary hand tools and equipment (ie. screwdriver, etc.).
- Hand pump pressure sprayer with amended water.
- 6 mil asbestos labelled poly bags and of duct tape.
- HEPA filtered vacuum or wash bucket with amended water and washcloths.
- Disposable coveralls c/w attached hood.
- Half-face negative pressure respirator equipped with new or tested P-100 filters.
- Wash cloth and wash bucket with amended water.

Work Procedures:

1. Isolate the immediate work area by closing doors, placing of barricades or tape barriers, etc., at the perimeter of each phase or work area. Provide and post required signage at the perimeter of the work area, in such a manner as to clearly identify the area as an Asbestos Work Area.
2. Isolate or otherwise shut down HVAC system, vents and diffusers located within the Asbestos Work Area.
3. Provide polyethylene drop sheet on floor directly below the access hatch.
4. Prior to entering the work area don applicable personal protective equipment (PPE). Recommended PPE would consist of a set of disposable coveralls and a half-face negative pressure respirator equipped with P-100 filters. Ensure coveralls being donned cover any existing or reusable clothing and come equipped with attached head cover (hood) and elasticized cuff at worker wrists and ankles.
5. Open access hatch or light fixture in a careful manner that would avoid disturbing the asbestos-containing materials.
6. Proceed with necessary work within the ceiling space. Physical entry (ie. access past waist level) into the ceiling space is **prohibited** when following this set of procedures.
7. Any material dislodged from ceiling over the course of the work, must be cleaned up using a HEPA vacuum immediately upon discovery.

8. Once work has been completed, ensure all tools, equipment, and any left over materials are removed from the ceiling space prior to closing the access hatch or light fixture in a careful manner that would avoid disturbing the asbestos-containing materials.
9. Remove drop sheet and dispose of as contaminated waste.
10. Immediately upon egress, worker(s) shall proceed to double bag all waste generated during the above activities.
11. Following the completion of the above process, and while still wearing his/her respirator (if worn), remove disposable coveralls and place them inside a sealed and asbestos labelled polyethylene waste bag. Any dedicated footwear shall be removed, HEPA vacuumed or wet wiped and inspected for any signs of residual dust, or debris or filter.
12. Remove respirator, then proceed directly to wash bucket or designated wash station where each worker shall complete the following:
 - a. wash exposed skin and respirator with soap and water; and
 - b. seal inlet side of respirator filters with tape for disposal or re-use.
13. Return to the above work area and transport sealed asbestos waste bags to designated waste storage site. HEPA vacuum and/or damp wipe the area prior to the removal of the site isolation (ie. Caution Tape and Signage).
14. Report to the Central Energy Plant and coordinate start-up of the building's HVAC.

Ceiling Access Through Drywall Access Hatches Coated with Textured Acoustic Plaster

For access to the ceiling space through access hatches that are coated with textured asbestos-containing acoustic plaster all work shall be conducted within a sealed Type 2 enclosure complete with an attached airlock as set forth under Appendix M of the AMP (or following the Appendix X procedures for the Kontrol Kube).

Physical entry into the ceiling space is **prohibited** when following this set of procedures.

Ceiling Access Requiring Worker Entry into the Ceiling Space

For all work where physical entry (ie. access past waist level) into the ceiling space will be required, the entire room located below the area of work shall be isolated such that the entire room becomes a Type 2 Work Enclosure complete with an attached airlock as set forth under Appendix M of the AMP.