







Location:	Written By:	Approved By:	Date Created:	Last Revision:
All Buildings	Lorie Carriere	Gordon Howe	March 17, 2010	April 3, 2018

PERSONAL PROTECTION EQUIPMENT (PPE)

 Safety glasses must be worn at all times in work areas.	 Long and loose hair must be tied back and covered
 Appropriate footwear must be worn. Shoe must be fully enclosed. No open toed shoes.	 Tyvek suit or protective coveralls should be worn to protect workers clothing.
 Nitrile gloves must be worn.	 Respirator with HEPPA Filters, respirator wipes/sanitizing pads

HAZARDS PRESENT	OTHER EQUIPMENT	ADDITIONAL REQUIREMENTS
<ul style="list-style-type: none"> Inhalation /ingestion of asbestos fibers Asbestos dust Spread of asbestos Improper waste disposal 	<ul style="list-style-type: none"> Safety glasses Disposable coveralls Nitrile/rubber gloves Respirators with HEPPA Filters 6-mil polyethylene Bags Duct tape Scraper, shovel or trowel Water sprayer HEPA Vacuum 	<ul style="list-style-type: none"> Asbestos Abatement Training Respirator Fit Testing

SAFE WORK PROCEDURE

PROCEDURE:

- Eating, drinking, chewing or smoking is prohibited in the work area.
- Post signage at all points of entry, clearly identifying that the area is an Asbestos Work Site and that access by unauthorized personnel is strictly prohibited.
- Don all personal protective equipment prior to starting work. E.g. respirator (1/2 mask with HEPA filters), gloves, protective clothing (disposable coveralls or Tyvek suit), etc.
- Remove all movable furniture, equipment, etc. from the work area.
- Wet handling techniques must be used to control dust on the surfaces of any asbestos-containing materials mentioned in Type 1 removal unless wetting creates a hazard or causes damage.
- Spray the area where the tiles are to be removed with water to control the dust. There should be enough water present to prevent any dust from being generated.
- The use of a power scraper for removal of floor tiles is **STRICTLY PROHIBITED!**

8. Remove the floor tiles by wedging a heavy duty scraper into the seam of two adjoining tiles and gradually force the edge of one (1) tile up and away from the floor. While being careful not to break off pieces of the tile, continue to force the remainder of the tile upward.
9. Continue the removal of tiles using the scraper, shovel or trowel, removing tiles intact wherever possible. When the adhesive is spread heavily or is quite hard, it may prove easier to force the scraper through the tightly adhered areas by striking the scraper handle with a hammer using blows of moderate force while maintaining the scraper at a 25° to 30° angle to the floor. If the tile still cannot be removed, heat the tile thoroughly with a hot air gun until heat penetrates through the tile and softens the underlying adhesive.
10. As the tiles are removed, place into double-bagged in 6-mil polyethylene bags, securely tied and disposed of as asbestos waste at the end of the removal activity. Avoid any un-necessary breakage of these tiles during packaging.
11. After removal, scrape up remaining adhesive from the floor with a hand scraper until only a thin smooth film remains. Where deposits are heavy or difficult to scrape, a hot air gun may be used. Deposit scrapings into the double-bagged in 6-mil polyethylene bags and securely tied. Do not dry scrape the surface of adhering pieces of tile.
12. Upon completion of removal of tile in the work area, clean the floor a wet mop. Dry sweeping is prohibited. If a wet/dry vac is used it must be a HEPA filtered vacuum.
13. Dispose of the mop head as contaminated waste into double-bagged in 6-mil polyethylene bags.
14. Wet wipe the 6-mil polyethylene Asbestos waste bags. Place wipes into the bags. If wearing PPE, remove and place into separate double-bagged in 6-mil polyethylene bags.
15. All bags are to be sealed as follows: the inside bag opening is twisted shut, sealed with duct tape and folded down into the outside bag. The outside bag is twisted shut and sealed with duct tape. If labeled bags were not purchased, all bags must be labeled with "ASBESTOS WASTE."
16. HEPA vac's must be emptied by sending the units to Power Vac for emptying/cleaning/filter replacement. Vac's must be integrity tested annually.
17. Proceed with the dismantling of any barricades and signage only after asbestos waste has been removed from the area.
18. Wash hands and face immediately after work has been completed or if leaving the work area. All workers must wash before leaving the work area.
19. Asbestos Waste Disposal:
 - Contact City of Winnipeg: #204-986-4813
 - Provide a description of the vehicle (e.g. ½ ton, van, etc. and any markings on the vehicle that will be delivering the waste as well as where the waste is coming from (i.e. which school). If using an open truck it must be tarped.
 - Notification of waste disposal must be made on Mondays. The Brady Landfill site is open from 8:00 – 3:00 on Wednesdays only.
 - Regular tipping fees apply, \$43.50 for all vehicles over ½ tone.

REGULATORY REQUIREMENTS

- WS&H Act W210, Section 4, 5, 7, 7.1
- Mb. Regulations 217/2006,
 - Part 37, Asbestos, Sections 37.1 – 37.9
- Guideline for Working with Asbestos (May 2017)