



Elias Consulting
Occupational Hygiene

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382-17

Project 20-A-

Trevor Blue
Winnipeg Transit
421 Osborne Street
Winnipeg MB R3L 2A2

Re: Asbestos Assessment – Emergency Lighting Upgrades

The following locations were assessed for the potential of asbestos containing materials to impact the emergency lighting upgrades.

There is potential for asbestos to be present in drywall joint compound, spray on insulation located on I-beams near roof, and plaster.

There are numerous pipes running along the ceilings that contain asbestos. Care should be taken when working around these.

1. Throughout Transit buildings
 - a. Ceiling paint contains lead.
 - i. Clean up any debris created while running conduit along the roof decking.
 - b. Drilling into cinderblock walls in the old Paint Booths (or anywhere else) - the concern is silica (not asbestos) when drilling into the blocks and not the mortar. There is a very small risk there may be vermiculite in the cavities of inside walls. A higher risk when the wall is an outside wall.
 - i. On the first hole, pull the drill out slowly. If vermiculite is discovered - STOP.
 - ii. Or use drills that are equipped with a HEPA vacuum to contain any possible materials.
 - c. The plaster covering columns spaced along the walls is asbestos containing and should not be drilled into.
2. Tracks
 - a. There are a couple of areas where there is asbestos containing spray on insulation along the I-beam along the top of the concrete block walls:
 - i. Maintenance bay 1 and 2, Track 12 where it has been encased.

- b. The wall plaster along the west wall of Maintenance Bay 1 (wash bay) is non-asbestos.
 - c. The sprayed insulation located on the wall at the north end of Track 13 is polyurethane. It should not be made into a fine powder (no sanding, etc.).
3. Building A, Maintenance
- a. Most of the electrical will be run along the metal decking or the concrete ceiling in the Admin area.
 - b. The drywall in Admin contains asbestos. These are not to be drilled into without the use of a drill equipped with a HEPA vacuum.
 - c. The stucco in the stairwells is non-asbestos.
 - d. The plaster that runs along the top of the walls near the ceiling in the main bus repair area is asbestos containing and should not be drilled into.

Yours truly,
For Elias Occupational Hygiene Consulting Inc.



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