



Lead Containing Material

RDOS Landfills - Acceptance Requirements

Campbell Mountain, Okanagan Falls, Oliver, Keremeos

The Province of BC OHS Regulation - 20.112 (2) Hazardous Materials – states:

Before work begins on the demolition or salvage of machinery, equipment, a building or a structure, or the renovation of a building or structure, all employers responsible for that work, and the owner, must ensure that a qualified person inspects the machinery, equipment, building or structure and the worksite to identify the hazardous materials, if any.

Testing for the Presence of Lead

1. When hiring a Qualified Professional to conduct your Pre-Demo, or Pre-Reno Hazard Assessment Report, ensure that person is aware of RDOS Landfills - Acceptance Requirements.
2. Lead testing is required on all non-commercial structures built prior to 1997, and on all commercial structures built prior to & after 1997 for the presence of lead (leachable or non-leachable).
3. Proof of age may be required.
4. If the presence of lead is indicated to be 90mg/kg (90ppm, .009%) or greater (leachable or non-leachable), those lead materials must be removed & disposed of separately prior to demolition.
5. RDOS Landfill designation of a Lead Containing Material is based upon the 'presence' of lead not the degree of 'leachability'.
6. The primary safety concern is preventing lead from becoming airborne during the Landfill Sorting or Chipping Process.
7. Leachability is not a criteria used by the RDOS. Painted materials may be rendered, crushed or ground when received by the RDOS landfill making any form of lead dangerous. Leachable and non-leachable lead must be identified and removed.
8. If the structure contains lead, ensure a WorkSafeBC Notice of Project is completed before removal.

Hauling Lead Containing Materials to an RDOS Landfill for Disposal

1. All loads entering the Landfill Site shall have their loads adequately covered and secured so as to prevent any materials from blowing, bouncing and dropping, shifting, leaking or otherwise escaping from the vehicle while in transit.
2. Lead painted materials such as gypsum board that has become fragmented or powdered and which may become airborne must be contained within intact, secured closed, heavy duty bags.
3. Loads containing lead painted boards, or lead containing siding where there is little risk of particles becoming airborne do not need to be bagged; however, it is recommended that in addition to adequately covering and securing the load, that these materials be wetted down prior to transport.
4. The lead containing materials can be co-mingled and deposited to garbage (Active Face), however lead painted metal can be deposited to the landfill metal designated location.
5. **Do not mix asbestos and lead containing materials in the same load.**
6. Retain landfill disposal receipt(s). These receipts will be required for landfill acceptance of remaining demolition materials, when completing the Landfill Waste Disposal Application.

For more information on acceptance of renovation and demolition materials at RDOS Landfills – see www.rdos.bc.ca/demo or call 250-492-0237 and your call will be directed.