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| --- | --- | --- | --- | --- |
| Official Project Title:  LOCATION - BUILDING NAME AND CONTRACT TITLE | | | | |
| Project ID:  ID | WBS Number:  P-00000000 | Project Manager:  Name | Phone Number:  xxx-xxx-xxxx | Date:  Click to select date. |

|  | Lead |
| --- | --- |
| Lead in landfills has the potential to leach into groundwater systems. Lead waste accumulates in the environment and can cause harmful effects to humans, plants and animals. The Occupational Exposure Limit (OEL) for elemental and inorganic lead compounds is 0.05 mg/ m3 on 8 hours of exposure. For the purpose of this checklist, sources of lead include lead acid batteries, paint scrapings, lead plumbing, lead flashings, obsolete computers, and other lead containing equipment (i.e, Cathode Ray Tubes (CRT) in viewing screens).  Alberta Infrastructure disposes of any quantities of lead waste as regulated waste. | |

|  | Emergency Response | Notes: |
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|  | The Contractor has submitted a site-specific emergency preparedness and response plan (EPRP). |  |
|  | The EPRP should include provisions for spills/ releases and fire. |  |
|  | Local authority may have further requirements. |  |

|  | Handling | Notes: |
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|  | Contractor personnel are familiar with hazards:   * the use of protective equipment  and * clothing procedures when handling waste containing lead. |  |
|  | A code of practice for the storage, handling and disposal of lead waste that is:   * 1. a pure substance in an amount exceeding 10kg or   2. a mixture in which the amount of the substance is more than 10kg at a concentration of 0.1 percent by weight or more. |  |
|  | Workers are trained in accordance with the Dangerous Goods Transportation and Handling Act. |  |

|  | Packaging | Notes: |
| --- | --- | --- |
|  | All lead containing waste is appropriately packaged for the waste category. For example, corrosive waste should be stored in non-metallic containers. |  |
|  | All liquid waste containing lead must be stored in leak proof containers with a screw- top or other secure lid. Snap caps, mis-sized caps, parafilm and other loose fitting lids are not acceptable. |  |
|  | Lead waste that is classified under the Transportation of Dangerous Goods (TDG) is not mixed with other classified lead containing wastes. |  |
|  | Lead waste is not mixed with any solid or liquid for the purpose of dilution. |  |

|  | Temporary Waste Storage | Notes: |
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|  | Signage is posted in temporary lead storage areas. Temporary lead storage areas are secured and only accessible to authorized personnel. |  |
|  | All lead wastes that are stored in such a manner that incompatible wastes will have no contact, even in the event of a release. |  |

|  | Transportation | Notes: |
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|  | Persons transporting or handling dangerous goods have valid and current TDG certification. |  |
|  | Contractor transporting hazardous waste has correct TDG placarding on vehicles. |  |
|  | Contractor responsible to provide required manifests. Project Manager to provide generator number. |  |
|  | Emergency response kit required on transportation vehicle. |  |

|  | Disposal or Recycling | Notes: |
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|  | Lead waste has been disposed of by a licensed waste disposal facility (to be verified by copy of manifest) or recycled (if greater than 205 litres or 205 kilograms) by a licenced recyling facility. |  |
|  | Liquid hazardous waste containing up to 500mg per kg of lead are deposited to class 1(a) landfill only. |  |

|  | Records | Notes: |
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|  | Records of all inspections conducted on site. |  |
|  | Copy of Shipping documents and manifests for transportation of waste. |  |
|  | Copy of disposal certificate from disposal facility. |  |
|  | Copy of EPRP. |  |
|  | Copy of fire protection plan. |  |

|  | Reportable limits | Notes: |
| --- | --- | --- |
|  | Contractor reports all spills or releases of any quantities to Alberta Infrastructure. |  |
|  | Lead waste can be classed as an oxidizing substance (Class 5.1), and is reportable if a spill or release, from the transport exceeds 50 kg or 50 L. Lead waste can also be classed as a toxic substance (Class 6.1), reportable at a spill or release of 1kg or 1 L, or as an environmentally hazardous substance (Class 9.2), reportable at 1kg or more. If considered a corrosive substance (Class 8), a spill or release that exceeds 5 kg or 5 L, is reportable. All of the above mentioned quantities, depending on their class is reportable to Alberta Transportation and the local police. |  |