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

|  | Mercury |  |
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| Mercury is found in some consumer products and can be released into the environment when a product is thrown out or disposed of improperly. For the purpose of this checklist, sources for mercury are thermostats, electronic equipment, and fluorescent and high intensity discharge lamps. It should be noted that mercury is also found in medical equipment, telecommunications, batteries, switches/housing, and printed wiring boards.  Alberta Infrastructure disposes of any quantities of mercury 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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|  | Persons handling equipment containing mercury waste are qualified electricians for removal, packaging and transportation arrangements for disposal of mercury waste. |  |
|  | Persons handling mercury waste is trained in safe work procedures, proper use of PPE, and emergency response procedures) |  |
|  | All hazardous wastes collected by a person who has been issued a personal identification number to collect hazardous waste. |  |
|  | Non certified workers (i.e. heavy equipment operators) have completed the Dangerous Goods Transportation and Handling Act. |  |
|  | Workers are trained in accordance with the Dangerous Goods Transportation and Handling Act. |  |

|  | Packaging | Notes: |
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|  | Mercury containing components are contained in an impervious container packed with appropriate absorptive material. Refer to Master Specifications (Special Construction Division) for Removal and Disposal of Mercury Components. |  |
|  | Mercury waste that is classified under the Transportation of Dangerous Goods (TDG) is not mixed with other classified mercury containing wastes. |  |
|  | Mercury 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 mercury waste storage areas. Temporary mercury waste storage areas are secured and only accessible to authorized personnel. |  |
|  | All mercury wastes are stored in such a manner that incompatible wastes will have no contact even in the event of a release. |  |
|  | All equipment and containers of mercury material are stored in a manner that makes them accessible for inspection, and secured from entry by unauthorized persons. |  |
|  | Where reasonably practicable, the location of the mercury storage site is:   * readily accessible for fire fighting and other emergency procedures; * the site is not subject to flooding; * chosen to minimize the potential for environmental damage arising from normal operation of the facility, and to the health of humans, animals and plants * complies with siting requirements stipulated in the Planning Act under the Hazardous Waste Storage Guidelines. |  |
|  | Mercury storage sites are equipped, designed, constructed and operated with the following:   * maintained so that surface run-off water cannot enter the secondary containment system. * incompatible hazardous wastes are stored in such a manner that there is no contact between them, even in the event of a release. |  |
|  | EPEA approval is obtained for storing mercury waste longer than 365 days, or waste exceeding 10 tonnes. |  |

|  | 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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|  | Mercury waste has been disposed or recycled by a licensed waste disposal/recycling facility (to be verified by copy of manifest). |  |
|  | Hazardous wastes containing 20 mg per kg of mercury are disposed to class 1 landfills only. |  |
|  | Liquid hazardous waste containing greater than to 100 mg per kg of mercury are disposed in a Class 1(a) landfill. |  |

|  | Records | Notes: |
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|  | Records of all inspections conducted on site. |  |
|  | Copy of manifests for transportation of waste. |  |
|  | Copy of disposal certificate from disposal facility. |  |
|  | Copy of EPRP. |  |
|  | Records of quantity and concentrations of stored mercury on site and location of storage area. |  |

|  | Reportable limits | Notes: |
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|  | Contractor reports all spills or releases of any quantities to Alberta Infrastructure. |  |
|  | Mercury waste can be classed as a toxic substance (Class 6.1), or as a corrosive substance (Class 8), and is reportable if a spill or release, from the transport exceeds 5kg or 5L. These quantities are reportable to Alberta Transportation and the local police. |  |