









Safe Work Practice HAZARDOUS MATERIAL HANDLING

Potential Hazards (Risk Priority HIGH)

- Lack of WHMIS knowledge
- Chemical Spills
- Explosions
- Fires
- Impact on the environment
- Potential Death
- All personnel must ensure they have been appropriately trained by their supervisor.

Required Personal Protective Equipment and Devices

Foot Protection	Hearing Protection	High Visibility	Head Protection	Eye Protection	Face Protection	Hand Protection	Protective Clothing
							

Safe Work Practice

Fuels:

- Gasoline must never be used as a cleaning fluid
- Gasoline storage should be stored underground. A special operating procedure should be developed for above ground storage
- Transport gasoline ONLY in approved containers
- Gas tanks and cans must not be placed near a two – way radio in a vehicle and must not be hauled in the trunk of a car or loose in the rear of a van, pick-up or station wagon
- NO SMOKING must be posted on both sides
- Diesel and kerosene must not be used as a cleaning fluid
- Diesel and kerosene storage area should be marked with NO SMOKING posted
- Diesel and kerosene, in packages of 100 liters or more must have a placard “FUEL OIL OR COMBUSTIBLE LIQUID 1993”

Shipment of chemicals

- All areas must be exercise responsible care when shipping chemicals to ensure safety of people, property and the environment
- Chemicals must be packaged in a container compatible with the lading and labeled to identify the contents and any associated hazards
- When transporting “hazardous materials” a properly completed shipping paper must accompany the shipment
- Chemicals are to be packaged in specified containers as prescribed by the Transportation of Dangerous Goods Act.
- Damaged, leaking containers must never enter the transportation system unless repackaged or over packed to prevent the escape of the product

- Chemicals must be labeled to identify the contents as well as any health or physical hazards of the product. Hazardous materials must be labeled with Dangerous Goods and W.H.M.I.S 2015 identification labels
- All shipments must have the appropriate placards and identification number
- All shipments of hazardous materials must be accompanied by the properly completed shipping papers
- Any incident involving loss of hazardous materials must be reported immediately to the proper authorities and to The Industra Group
- Complete a Spill Report to submit all of the information
- Employees working directly with hazardous products should have W.H.M.I.S worker training

Chemical Handling

- Never transport hazardous materials in the driver or passenger compartment of any vehicle
- Hazardous materials transported in a trailer or pick-up truck must be securely tied down to prevent movement, shifting of the load, or falling from the vehicle
- Never transport or store leaking containers of chemical products
- Never use fire or open flame for heating chemicals
- When using electrical strip heaters, use only in well ventilated areas
- When opening a chemical container loosen the bung or cap to relieve any internal pressure. Keep face away from the opening while loosening bung and caps
- Appropriate protective clothing and equipment must be worn when exposure to a chemical or chemical vapors, dusts or mist is likely
- Do not turn on lights, including flashlights, on or off while directly opening

Handling Flammable Fluids

- All equipment used in the handling or storing of flammable liquids having high electrical resistance and low flash point should be avoided
- The velocity of the liquids in the pipes should be kept low as practical, so as to reduce static charge production

Safety Data Sheets (SDS)

- SDS are required for all chemicals and hazardous goods
- SDS are to be reviewed and updated as necessary
- Always have SDS on site readily available

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If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.

REPORT ANY HAZARDOUS SITUATION TO YOUR SUPERVISOR IMMEDIATELY

This must be reviewed any time the task, equipment, or materials change and at minimum, every three years.