

Storage and Use of Flammable Liquids

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Potential fire	Steel toed boots	Fire Extinguisher Training
Inhalation of chemicals / toxins	Eye protection	WHMIS
Burns	Hand protection	

Safe Work Procedure:

- 1) Safety containers shall be used at all times and provide content identification and hazard warnings.
- 2) Flammable liquids are to be stored in a steel locker.
- 3) Water reactive materials are prohibited in flammable liquid storage rooms.
- 4) Warning signs alerting emergency personnel to the presence of flammable liquids must be posted at all entrances and storage areas.
- 5) Supervisors are to inspect storage rooms quarterly to ensure compliance.
- 6) Smoking, open flames, arcs, and spark-producing equipment are prohibited in the area.
- 7) Ventilation shall be provided in sufficient quantities to keep the concentration of vapors below 10% of their lower explosive limit.
- 8) Frequent tests shall be made by a competent person to ascertain the concentration.
- 9) Scraping and rags soaked with flammable materials shall be kept in a covered metal container.
- 10) Suitable fire extinguishing equipment shall be immediately available in the work area and shall be maintained in a state of readiness for instant use.
- 11) No more than three storage cabinets of flammable liquids shall be in a single workplace.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations: 6 Personal Protective Equipment 19 Fire and Explosive Hazards 35 Workplace Hazardous Materials Information Systems Safe Work Bulletin #178	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee: Date: