

	<b>WESTERN MILLCRAFT INC.</b> 12506 – 128 STREET EDMONTON, AB, T5L 1C8	Effective Date: 1 OCTOBER, 2011	Revised by: JFK
	<b>OCCUPATIONAL HEALTH &amp; SAFETY MANUAL</b> <b>COMPANY RULES AND REGULATIONS</b> <b>FIRE AND EXPLOSION HAZARDS</b>	Page 1 of 1	HSE: 3.4: 11.3 Revision: 00

## **FIRE AND EXPLOSION HAZARDS**

### **GENERAL PROTECTION AND PREVENTION:**

- All employees must not enter or work in an area if more than 20% of the lower explosive limit of a flammable or explosive substance is present in the atmosphere
- All employees must not smoke in a worksite area where a flammable substance is stored, handled, processed or used
- All employees must not use an open flame, except in accordance with section 169, in a work area where a flammable substance is stored, handled processed or used
- All employees must not mix, clean or use a flammable or combustible liquid at a temperature at or above its flash point if a potential source of ignition is in the immediate vicinity
- All employees must not store contaminated rags used to clean or wipe up flammable substances. They must be put in a covered container that is labeled clearly to indicate what it is used for.

### **CONTAMINATED CLOTHING AN SKIN:**

If a worker's clothing is contaminated with a flammable substance, the worker must:

- Avoid any activity where a spark or open flame may be created or exists
- Remove the clothing at the earliest possible time
- Ensure that the clothing is decontaminated before it is used again
- If any employee's skin is contaminated with a flammable substance, the employee must wash their skin as the earliest possible time to remove the contaminant

### **PROTECTIVE PROCEDURES AND PRECAUTIONS:**

Western Millcraft Inc. must ensure that:

- Equipment used will not ignite a flammable substance
- Static electricity is controlled
- Clearly identify the area to warn workers of the nature of the hazards associated with the presence of the flammable substance
- Fence off the area to prevent other workers from entering unauthorized
- Procedures and precautionary measures are developed for a hazardous location to prevent the inadvertent release of a flammable substance or oxygen gas

### **SPRAY OPERATIONS:**

Western Millcraft Inc. must ensure that the paint shop which is used to apply flammable substances, has adequate ventilation in accordance with Part 26 and that the ventilation is:

- Adequate to remove flammable vapors, mists, or powders to a safe location
- Interlocked with the spraying equipment so that the spraying equipment is made inoperable when the ventilation system is not in operation
- Must ensure that the paint shop will not ignite a flammable substance
- Must provide a nozzle guard for use with airless spray machinery

The Information in this policy does not take precedence over the OH&S Act, Regulation, Codes, or applicable Government Legislation

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