







## SAFE OPERATING PROCEDURES

# Pipe Extrusion

**DO NOT use this machine unless you have been instructed in its safe use and operation and have been given permission.**

	Safety glasses must be worn at all times in work areas.		Long and loose hair must be contained.
	CSA approved footwear must be worn at all times in work areas.		Thermal gloves should be used when handling hot materials
	Crush/Pinch/Entanglement Hazard		Hot surfaces

### PRE-OPERATIONAL SAFETY CHECKS

1. Check the vicinity of the machine to ensure there are no slip/trip hazards.
2. Be aware of other personnel in the immediate vicinity and ensure the area is clear before using equipment.
3. Familiarise yourself with and check all machine operations and controls.
4. Faulty equipment must not be used. Immediately report issues or suspect machinery to your instructor.

### OPERATIONAL SAFETY CHECKS

1. Ensure that the extruder and die are 'up to heat' (any plastic contained in the machine is melted). ***If the plastic is not fully melted, severe damage to the extruder may result.***
2. Ensure water bed drains are clear – overflow can cause slip hazards on floor-
3. Do not place hands, tools or other object in chipper whilst running.
4. If chipper needs cleaned then air and electrical supply must be shut off.

### HOUSEKEEPING

1. Depower machine, turn off air and water supplies.
2. Return all materials to their respective storage locations.
3. Leave the work area in a safe, clean, and tidy state.

### POTENTIAL HAZARDS

- Hot surfaces may cause burns or fires.
- Squash/crush and pinch points.
- Electrical hazards.
- Slip hazards.

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.