








## SAFE OPERATING PROCEDURES

# Injection Moulder - BOY 15

**DO NOT use this machine unless you have been instructed in its safe 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 must be used when handling hot materials		
	Caution – Hot surfaces		Caution – Crush and pinch hazards		Caution – Shock hazard

### 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. Keep hands and tools away from extruder nozzle when in operation.
3. Only plastic-handled, brass tools should be used to clear debris/over-melt.
4. Do not reach around or under safety shields with hands or tools.

### HOUSEKEEPING

1. De-energize 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.

### HAZARDS

- Hot surfaces may cause burns or fires.
- Crush and pinch points.
- Electrical 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.