







SAFE OPERATING PROCEDURES

Blow Molder

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.		Hearing protection may be required for some operations.
	Caution – Hot surfaces		Thermal gloves should be used when handling hot materials

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure air supply and water supply are on.
2. Confirm hopper contains adequate supply of material to avoid smoke/fumes.
3. Check the vicinity of the machine to ensure there are no slip/trip hazards.
4. Open either sliding door to confirm that limit switches vent the air system.
5. Familiarise yourself with and check all machine operations and controls.
6. Faulty equipment must not be used. Immediately report issues or suspect machinery to your instructor.

OPERATIONAL SAFETY CHECKS

1. Ensure ejector is retracted and not between halves of mold.
2. Cycle the *clamp* and *blow* controls to ensure proper function. Report any issues and do not use machine if there are misalignments or interference conditions.
3. Ensure fingers and limbs are clear while operating the blow molder.
4. Provide containment for the ejected product.

HOUSEKEEPING

1. De-energize machine, and shut off the air and water supplies.
2. Clean any excess plastic from extruder.
3. Leave the work area in a safe, clean, and tidy state.

POTENTIAL HAZARDS

- Hot surfaces may cause burns.
- Crush and pinch points.
- Ejector moves rapidly – do not place hands behind safety cage while in operation.

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.