


NUMBER	RISK DESCRIPTION		TREND	CURRENT	RESIDUAL
7595	Precious Plastic Monash Injector Machine			Medium	Low
RISK OWNER		RISK IDENTIFIED ON	LAST REVIEWED ON		NEXT SCHEDULED REVIEW
DANIEL LEE KOBIELA		16/07/2018	16/07/2018		16/07/2021
RISK CONSEQUENCE	RISK FACTOR(S)	EXISTING CONTROL(S)	PROPOSED CONTROL(S)	OWNER	DUE DATE
	Burns from hot barrel, heat clamps, moulds, handle	<p>Control: Insulating mesh provides protection between the user and the hot barrel</p> <p>Control: Thermal breakers are used where possible to limit heat conduction to the hopper</p> <p>Control: Follow SWI - wait until machine is cold before maintaining/cleaning</p> <p>Control: Follow SWI - only remove hot moulds if necessary, and utilising temperature resistant gloves</p> <p>Control: Thermal breakers are used to ensure minimal heat is transferred from the heat clamps to user interfaces</p>			

	Structural failure of handle/plunger causing injury to operator	Control: Design to ensure appropriate structural integrity and safety factors Control: Follow SWI - Ensure all parts are assembled properly			
	Electric shock	Control: Tested & tagged Control: Follow SWI - Do not use in moist environment	Control: No live works on any machine Control: Qualified electrician to approve system before use	DANIEL LEE KOBIELA DANIEL LEE KOBIELA	27/07/2018 27/07/2018
	Strain due to moving heavy items during installation/removal of moulds	Control: Two person lift where appropriate Control: Steel toe shoes to be worn when fitting heavy moulds	Control: Integration of a trolley and jack to mechanically assist the fitting of injection moulds	DANIEL LEE KOBIELA	31/08/2018
	Strain due to force required to pull the injector handle	Control: Lever design to allow sufficient mechanical advantage to overcome the injection pressure Control: Lever to be placed at a height that is usable for the 90th percentile of people			
	Dropping items/falling over items due to inadequate housekeeping	Control: Ensure work is carried out in well ventilated areas			

	Inhalation of fumes from melting plastic	Control: Follow SWI - Ensure work is carried out in well ventilated areas - Ensure all plastic is clean before shredding - Only PP & HDPE to be used	
	Fire	Control: Hot surfaces are insulated to ensure no combustible materials come in contact Control: Follow SWI - Fire extinguisher must always be present - Workspace around machine must be clear - Allow machine to cool down before covering or transporting	
	Projectiles	Control: Follow SWI - Safety glasses to be worn at all times when operating injection machine	