

**ICL TECH
RISK ASSESSMENTS**

FREQUENCY POTENTIAL

1. Improbable occurrence
2. Possible occurrence
3. Occasional occurrence
4. Frequent occurrence
5. Regular occurrence
6. Common occurrence

SEVERITY POTENTIAL

1. Trivial injury/ies
2. Minor injury/ies
3. Major injury/ies
4. Major injury to several people
5. Death of one person
6. Multiple deaths

013352

Process/Task/Environment	Risk Assessment	F		S		Current Assessment	Action Required
		F	S	F	S		
Routing	Injury to hands/eyes from swarf, cutter break and cutter seizing.	2	2	2	2	Safety goggles/glasses used. Masks available. Gloves available.	

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013334

Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Wet Spray Coating	Fume exposure	2	2	Proper masks used. Extraction units checked as per planned maintenance Oven ducting checked as per planned maintenance	
Wet Spray Coating	Skin irritation	2	2	Gloves to be used. Barrier cream available	
Wet Spray Coating	Fire risk of coating Materials	2	2	Properly identified cabinets used. Metal waste bins and metal lids used.	

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
General Saw Work	Hand injury	2	2	Guards in use, Training	
General Saw Work	Dust/Cuttings in eyes	2	2	Safety glasses/goggles worn	
General Saw Work	Dust Inhalation	2	2	Dust masks used	

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment		Action Required
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Vacuum Forming	Fume Exposure	2	2	Masks worn and ventilation installed		
Vacuum Forming	Limb Injury	2	2	Training		
Vacuum Forming	Lifting Injury	2	2	Training		
Vacuum Forming	Minor Burns	2	2	No burn unit at present in area		Install burns cabinet

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Process/Task/Environment	Risk Assessment		Current Assessment		Action Required
	F	S	F	S	
CNC Machining	2	2	2	2	
CNC Machining	2	2	2	2	
CNC Machining	1	2	2	2	
CNC Machining	2	2	2	2	New guard to be designed and manufacture.

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Degreasing	Improper Waste Disposal	1	2	Waste product returned to empty drums prior to reclamation by supplier	
Degreasing	Splash Eye Contact	2	2	Safety glasses to be worn	
Degreasing	Hand Contact	2	2	Solvent resistant gloves worn	
Degreasing	Injury from lifting of components	2	2	Lifting of heavy components by fork lift	

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013348

Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Plastic Welding	Minor burns	2	2	Burn spray available	Additional extraction required
Plastic welding	Fume Exposure	2	2	No masks used at present	Investigate types of masks available

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Cementing	Fume Exposure	2	2	Masks used	Additional extraction required
Cementing	Skin infection	2	2	Gloves used. Barrier cream available	
Cementing	Risk to eyes	1	1	Safety glasses available	

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Process/Task/Environment	Risk Assessment		Current Assessment		Action Required
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General Mechanical Equipment	2	2	Proper guarding ensured. Checks as per planned maintenance schedule.	Isolation of equipment if found faulty	

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Fire Emergency	Lack of awareness of fire alarm	2	2	Fire drills carried out at recognised frequency. Checks made to ensure all areas can hear alarm.	
Fire Emergency	Alarm failure	2	2	Weekly checks at different alarm point	
Fire Emergency	Fire risk	2	2	Smoke alarm system installed. Smoking areas defined	

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Fire Emergency	Fire risk	2	2	Smoke alarms in toilets. Metal cabinets for solvent based material. Fire equipment on service contract. Fire marshals and deputies appointed	
Fire Emergency	Lack of knowledge of fire equipment	2	2		

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Access & Egress	Inability to move safely within factory	2	2	All walkways are clearly defined and kept clear.	
Access & Egress	Doubt in how to exit factory in emergency	1	1	All areas clearly signposted for exit	

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
Fork Lift Operation	Injury caused through mechanical/electrical failure	2	2	Service contract in operation	
Fork Lift Operation	Injury caused to personnel or driver through driver error.	2	2	Current driver certificates available in most cases. Some drivers under internal tuition	Have all drivers gain full certification

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Process/Task/Environment	Risk Assessment	F	S	Current Assessment	Action Required
General lifting	Back or other injury whilst lifting	2	2	Signs Training Operator awareness	

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Compressed Air System	Injury through line bursts or leaks	2	2	Maintenance schedule checks and repairs operator vigilance
Compressed Air System	Injury or fire caused by serious compressor failure.	1	1	Regular external contract servicing. Planned maintenance checks. Housed in separate enclosed area.