

Date:	11/06/24
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Assessors Name:	Rob Amans	Ref Number:	007	Review Date:	21/07/2025
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Description of Assessment:	Plant & Machinery
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Location Details:	Unit 76 Catley Road, Darnall, Sheffield, S9 5JF
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SEVERITY	5	10	15	20	25
	4	8	12	16	20
	3	6	9	12	15
	2	4	6	8	10
	1	2	3	4	5
LIKELIHOOD					

LIKELIHOOD	
5	Almost Certain – Very High Risk
4	Probable – High Risk
3	50/50 – Medium Risk
2	Improbable – Low Risk
1	Almost Impossible – Low Risk

SEVERITY	
5	Fatality – Very High Risk
4	Severe incapacity – High Risk
3	Absent 3 weeks – Medium Risk
2	Absent less than 1 day – Low Risk
1	Insignificant – Low Risk

1-4 LOW	5-10 MEDIUM	11-15 HIGH	16-25 VERY HIGH
Continue with existing control, however monitor for changes. Implement any additional control measures required, within the timescales given in the Risk Assessment.	Requires attention to reduce the rating as well as regular ongoing monitoring. Implement any additional control measures required, within the timescales given in the Risk Assessment.	Requires immediate attention to bring the risk down to an acceptable level. Implement the control measures required, within the timescales given in the Risk Assessment and continue to review working practices to reduce the probability of an accident to the lowest possible level.	Stop immediately – the risk is too high. Take immediate action to reduce the risk to the lowest level possible.

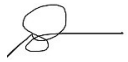
Identified Hazards	Who may be affected	Risk Level before control measures $S \times L = R$				Existing control measures	Final Risk level $S \times L = R$			
		L	S	R	R		L	S	R	R
General Slips, trips, falls, crushing, amputation	Staff	3	4	12		Machines are stable and fixed. No risk of objects falling from overhead. Machines used only for the purpose for which they were designed. Adequate safety signs prominently posted. Appropriate measures taken to cope with the risk of rupture or disintegration of parts of work equipment. (guarding, speed) Contact with hot/cold parts eliminated / minimised. It is ensured at the purchasing stage that all new machinery is / has: CE marked. EC Declaration of Conformity. A manual supplied which includes instructions for safe use, assembly, installation, commissioning, handling, adjustment and maintenance. Information supplied about any particular risks associated with the machine, such as electrical, hydraulic, pneumatic, stored energy, thermal radiation, health hazards and the precautions, which should be taken. Appropriate data on noise and vibration levels provided. Any warning signs visible and easily understood.	2	2	4	
Access / Egress Slips, trips, falls	Staff	3	3	9		Safe means of access to machines and their components provided. Floor obstructions minimised or eliminated. Risk of slips/trips/falls minimised or eliminated. Steps, stairs, ladders, walkways etc. safe.	2	2	4	
Guards / Protection Devices If overridden, crushing, amputation, impact of machine and material etc.	Staff	3	4	12		Guards Safe and robust construction. Create no additional hazards. Not easily removed or rendered inoperative. (They need a tool to remove) Are adjusted by means of a tool/key etc. only. Are suitable distances from danger zones. (Do not allow access by any part of the body)	2	2	4	

						Do not restrict view of operating cycle. Allow safe fitting of parts and maintenance. Protect all moving parts. Are inspected, maintained and tested as required.				
Services Electrocution, trips, falls, impact etc	Staff	3	4	12		The use of temporary electrical cables restricted where practicable. Adequate lighting available. Electrical installations designed, installed and maintained by competent persons.	2	2	4	
Controls If overridden, crushing, amputation, impact of machine and material etc.	Staff	3	4	12		Control devices clearly visible, identifiable and marked. Controls located outside danger zones. The operator can see persons in danger zones and audible/ visible warning signals fitted to the equipment. Any damage to the control system does not create any additional hazards. An isolator switch is fitted. In the event of breakdown, control systems fail to safety. Controls can withstand foreseeable strain. Controls take account of ergonomic considerations.	2	4	8	
Start Up If overridden, crushing, amputation, impact of machine and material etc	Staff	3	4	12		Equipment starts only by deliberate action of operator.	2	4	8	
Stopping If overridden, crushing, amputation, impact of machine and material etc.	Staff	3	4	12		Control fitted to stop the machine completely and safely. Stop control clearly identified, visible and quickly accessible. Stop control has priority over start control. When stopped, the energy supply to the actuators switches off. Emergency stop fitted.	2	4	8	
Substance General risks related to chemicals, agents etc.	Staff	2	3	6		Material Safety Data Sheets reviewed before using substances on or near machines. Containment or extraction devices fitted to equipment emitting gases, vapours, liquids or dusts.	2	2	4	

Marking Non-compliance with appropriate standards and legislation resulting in injury etc.	Staff	3	3	9		Machines have: Name and address of manufacturer. CE Marking or the like. Designation of series or type. Serial Number if any. Year of Construction. For machines intended to be used in potentially explosive atmospheres are clearly marked with this instruction. Machine indicates relevant information e.g. maximum speed of certain rotating parts (rpm), maximum diameter of tools to be fitted (mm etc.), travelling speed (mph, kmh) etc.	2	2	4	
Others Various	Staff	3	4	12		Maintenance log for equipment kept up to date. Selection of work equipment takes account of specific working conditions, characteristics and hazards at place of work. Repairs, maintenance, modifications, servicing, transporting, cleaning etc. carried out by competent persons. Suitable equipment and accessories for safe adjustment or maintenance provided. Statutory inspections on boilers, pressures, lifting equipment etc. carried out and records maintained. Machinery facilitates easy handling / lifting. Rotational speed of tools safe and reliable (free of judder, slip or intermittent speed variations). Machines eliminate/ reduce electrostatic charges and fitted with a discharge system (earthed). Noise reduced to a safe level (as guidance, the human voice can be heard clearly at 2m without being raised). Vibration reduced to a safe level. Emissions of radiation (where applicable) reduced to safe level.	2	2	4	

Additional comments:

1. The Risk Assessment is to be reviewed on an annual basis, or sooner if changes are made to the plant or working practices, or after an accident/near miss
2. This Risk Assessment must be approved by the nominated person for Health and Safety before being issued as a live document

Assessor Name:	Rob Amans	Signature:		Date:	21/07/2025
Further Information: Reference Documents The Health and Safety at Work 1974 Appendices 1. HK Interiors SSOW suite					