



Risk assessment

Ref no: RA71	Area: Timber Product CNC Machine Modification	Assessor: Ian Warne, Finance & Operations Director
	Date of Assessment: 21/05/20	Assessment date: Ad Hoc Assessment – Review before next use

Hazard	Who might be harmed and how?	Existing Control measures	Residual risk L/M/H	Action by who?
Hot Works	Employees (Burns, serious injury, injury)	<ul style="list-style-type: none"> • Wear appropriate PPE • Trained Operative to be present during hot works with a Fire Extinguisher • Job to be covered by a Hot Works Permit • Ensure machine has been completely cleaned down as far as reasonably practicable • No people to be within 5m of the hot work • Instruction, information, training and supervision. 		
Electricity	Employees (Death, burns, serious injury and injury)	<ul style="list-style-type: none"> • Isolate the CNC machine before any work is undertaken • Electrical items PAT tested as required. • Use an RCD where appropriate. • To avoid contact with water. • Electrical equipment to be suitable for task. • Good housekeeping to ensure leads cannot be damaged. • Instruction, information, training and supervision. 		
Slips, Trips and Falls	Employees (Serious injury, injury)	<ul style="list-style-type: none"> • Ensure the working area is kept clear to avoid slips, trips and fall. • Ensure working zone is clear, tidy and has plenty of space and light. • Instruction, information, training and supervision. 		
Manual Handling	Employee Muscular, skeletal injuries from poor manual handling	<ul style="list-style-type: none"> • All staff trained in manual handling (training reviewed) • Ensure working zone is clear, tidy and has plenty of space and light. • Instruction, information, training and supervision. 		

Angle Grinder	<p>Employees</p> <p>Injuries as a result of coming in contact with the cutting wheel or materials ejected</p>	<ul style="list-style-type: none"> • Angle grinder guarded. • PPE worn at all times when using this equipment. • Operating and Safety Instructions (reviewed). • Use a non flammable panel between the work and the inside of the machine to avoid sparks entering the machine • Only trained, competent and approved staff to use this equipment. • Instruction, information, training and supervision. 		
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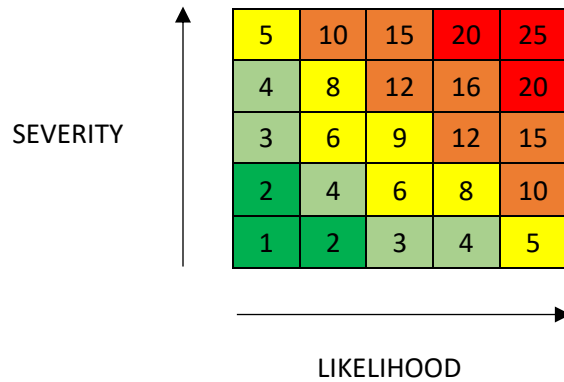
Ensure the risk control still applies, if not contact the relevant department

I (name) do hereby declare that I have received, understood and will abide by the contents of this Risk Assessment.

Signed:.....

Date:

HOW TO CALCULATE A RISK RATING



Likelihood	Severity
1 = extremely unlikely	1 = very minor injury
2 = unlikely	2 = first aid injury
3 = possible	3 = lost time injury
4 = likely	4 = hospital treatment
5 = very probable	5 = disabling injury

Risk rating	Action and timescale
15 and above	Unacceptable Work may not start. Additional controls must be introduced to reduce risk rating to below 9.
9-14	Tolerable Additional controls must be introduced as soon as possible.
5-8	Tolerable Additional controls may be needed
4 or below	Acceptable

1-4 =	Low risk
6-9 =	Medium risk
10- 25=	High risk