













Generic Risk Assessment RA 7B Single Blade Cross Cut Saws

PRE-ASSESSMENT RISK RATING: HIGH MEDIUM LOW

Machine	Single blade cross cut saw	Who might be at Risk	Sawyer, those working near the machine, supplying the machine or passing by
What are the Hazards?	Symbols used	How might they be harmed?	What should you consider?
MACHINERY		<p>Lacerations, cutting and / or loss of limbs.</p> <p>Potentially fatal cuts following contact with moving parts of machinery, particularly the saw blade.</p> <p>Kick back when trenching</p> <p>Splinters Dust and Noise</p> <p>Entrapment</p>	<p>Staff training - only authorised and competent employees are to use the saw.</p> <p>The guards are fitted according to manufacturers instructions</p> <p>Ensure fixed top guards (hoods) are correctly adjusted no more than 12mm from work piece.</p> <p>When trenching secure the work piece firmly in position before cutting ensuring a trenching blade is fitted.</p> <p>Always keep hands outside the designated danger zone (at least 200mm from blade). Use push sticks for short lengths.</p> <p>Never brush waste from the work area until the saw is fully stopped.</p> <p>Always use a stick to clear off cuts.</p> <p>Never cross arms or reach across the saw during cutting operations.</p> <p>Never leave the machine unattended before turning off.</p> <p>Stop the saw before making any adjustments to the saw or work piece.</p> <p>Check the DC Braking stops the saw blade within 10 seconds</p>
MANUAL HANDLING		<p>Musculoskeletal and upper limb disorders, back pain, cumulative strain.</p>	<p>The pushing and pulling of the timber/truss trolley</p> <p>The lifting of the completed truss and over reaching</p> <p>The movement and positioning of the tables</p> <p>Workbench / Table set at a comfortable height</p> <p>Catching fingers when loading rollers</p>

<p>MANUAL HANDLING</p>			<p>All employees should be trained in manual handling techniques</p> <p>Recommended safe working weights for manual handling are;</p> <ul style="list-style-type: none"> • Up to 25kg - one employee • Up to 48kg - two employees • Up to 70kg - three employees • Up to 95kg - four employees <p>Over 95kg - should not be handled by manual means alone. Some form of mechanical assistance should also be used</p> <p>Please note: a specific and detailed manual handling risk assessment should be carried out</p>
<p>NOISE</p>		<p>Temporary or permanent hearing damage from exposure to noise from machinery and / or saw blades</p>	<p>Determine if noise is an issue (i.e. above 80dB(A)) by carrying out a noise survey. This would determine noise protection zones</p> <p>Utilise appropriate PPE if survey requires it</p> <p>Noise enclosures where practicable. Low Noise tooling Maintained and sharp blades</p>
<p>SLIPS, TRIPS & FALLS</p>	 	<p>Bruising, grazes, impact injuries, fractures etc</p>	<p>Adequate lighting</p> <p>Good housekeeping – timber, boxes, saw dust, offcuts cleared away</p> <p>Clear saw dust with a vacuum cleaner</p> <p>Ensure walk routes are clear</p> <p>Maintain the floor surface</p>
<p>EXPOSURE TO TREATED TIMBER</p>		<p>Refer to COSHH assessment and Material Safety Data Sheet (MSDS)</p>	<p>Where possible ensure timber is dry before processing</p> <p>Wear appropriate Personal Protective Equipment (PPE) such as gloves and eye protection</p>

<p>EXPOSURE TO WOOD DUST</p>		<p>Ill health such as Asthma, nasal Rhinitis and other respiratory concerns</p>	<p>Make sure Dust Extraction is turned on Local Exhaust ventilation (LEV) should be fitted as appropriate LEV should be maintained and working effectively LEV inspected every 14 months Wood dust cleared using a vacuum cleaner – no dry sweeping Staff get health surveillance Suitable Respiratory Protective Equipment (RPE) for cleaning</p>
<p>MAINTENANCE</p>	 	<p>Electrocution Entrapment, crushing. Cuts, bruising, grazes etc Foreign bodies to eyes Slips, trips and falls Impact injuries Upper limb disorders</p>	<p>Staff training - only authorised and competent employees shall maintain this equipment. Contractors shall be vetted and authorised Maintenance should be controlled by an agreed inspection schedule. Machines must be isolated by a controlled procedure before carrying out any repairs Faults in machinery or electrics should be reported by users immediately Daily safety checks are recommended</p> <p>Please note: a separate risk assessment for maintenance is recommended</p>
<p>No:</p>	<p>Site specific changes made</p>		<p>Date changes made</p>
<p>1</p>			
<p>2</p>			

3		
4		
5		
6		
7		

POST ASSESSMENT RISK RATING: HIGH MEDIUM **LOW**

Implemented by:	Print:	Sign:	Date: