



Risk assessment for : Leeds Wood Recycling Cic



Risk assessment name	Challenge Xtreme reciprocating saw psr 500	Assessment type	 General
Assessor name	Leon Varga	Affected site(s)	Leeds Wood Recycling CIC (LS11 9RT)
Assessment date	31/03/2023	Review period	Annually
Approved by	Leon Varga	Review date	31/03/2024
Approved date	31/03/2023	Reference	LEE1783273

Workspace(s)	Description
 Processing	<p>Using the Reciprocating Saw</p> <p>H</p> <p>Reciprocating Saw</p> <p>It is important to read all of this leaflet BEFORE you use the Reciprocating Saw</p> <ol style="list-style-type: none"> 1. Plan your work and think ahead to make sure you will always be working safely. 2. If you have not used a reciprocating saw before, familiarise yourself with the machine on some straightforward work before starting on the main task 3. Electricity is dangerous and must always be used with great care. 4. This reciprocating saw is designed to cut wood, thin sheet metal, laminates and wallboards. It can also be used to cut thin-wall pipe. It is not designed for any other purpose. 5. The action of this reciprocating saw can cause injury or damage if the machine is not used in a careful and controlled way. 6. The following items of personal protective equipment must be worn as a minimum: goggles; dust mask - a minimum of FFP3(s) protection; Safety boots; industrial quality gloves; residualcurrent device (RCD) if using a 230 volt (mains) supply. 7. A personal first-aid kit should be available. 8. This reciprocating saw must not be used by young persons, or by anyone under the influence of drugs or alcohol. 9. This reciprocating saw is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it. 10. Although reciprocating saws are designed for one person operation you should always be careful you do not lift beyond your own capabilities. <ol style="list-style-type: none"> 1. Wear protective equipment including ear defenders, dust mask and goggles. 2. Switch off and remove the plug from the socket before making adjustments or changing the blade. 3. Check that the blade is fitted correctly. 4. Hold the saw firmly with both hands while working.








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	<p>5. The blade cuts on the backstroke and will tend to pull the saw onto the work.</p> <p>6. Make sure that any ventilation slots in the reciprocating saw are clear; do not cover them with your hand when holding the saw.</p> <p>7. If the saw starts to labour and slow down, do not force it so hard. Do not overload the saw.</p> <p>8. Stop the saw if someone approaches you.</p> <p>9. Keep the cable clear of the blade.</p> <p>10. If the cable appears to be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the reciprocating saw is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.</p> <p>11. Take care not to accidentally pull the plug from the socket.</p> <p>12. After switching off, wait for the blade to stop completely before putting the machine down.</p> <p>13. Switch off and remove the plug from the socket before leaving the reciprocating saw unattended.</p> <p>14. If the equipment does not work properly do not attempt to repair it. Contact the hire company.</p> <p>15. You may want to read this leaflet again. Please keep it safely until you finish work.</p>








Overall risk rating : 9 (Low)

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)

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 <p>Noise levels at <<enter noise level>>dB(A) Risk of hearing damage due to exposure to excessive levels of noise.</p>	<p>All staff, Operators, Student / pupil</p> <p>How Many? vary</p> <p>How? Excessive noise levels over a long period of time will damage your hearing. This may happen so gradually and painlessly that you may not notice the minor deterioration from one day to the next. Excessive noise in the workplace presents a risk of hearing damage and other health problems.</p> <p>The parts of the ear that process high frequency sounds are usually the first to be affected. The degree of hearing loss depends on the loudness of the noise and how long you are exposed to it. Sudden explosive sounds, such as gunshots, can cause immediate damage.</p> <p>Some people exposed to excessive noise develop tinnitus, which is described as a constant ringing sound. For most cases of noise-induced hearing loss, there is no cure. Hearing aids only amplify sounds and can't replace normal hearing.</p>	 <p>All Employees Receive Induction Training All employees receive induction training upon commencement with the Company</p>  <p>Mandatory Hearing Protection Zones Designated Mandatory hearing protection zones designated as noise levels are 85dB(A) and above in the area.</p>  <p>Suitable Hearing Protection Worn <<SNR value>> Suitable hearing protection is worn to reduce noise to safe levels (SNR noise attenuation value)</p>	 <p>Hearing protection provided & worn Hearing protection available and to be worn whilst carrying out noisy work activities</p>  <p>Noise Risk Assessment Carried Out Noise risk assessment carried out c/w regular measurements to ensure it is kept valid and up to date</p>	<p>3 x 3</p>  <p>9</p> <p>Low</p>
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Hazard	Who could be harmed and how?	Existing controls		Risk rating (L x S)
 <p>Sharp objects Inappropriate use and storage of implements could cause injuries such as cuts to hands and fingers.</p>	<p>All staff, Operators, Student / pupil</p> <p>How Many? vary</p> <p>How? Exposure to Rotating or Moving Parts: Entanglement and Entrapment Could hair, clothing, ties, jewellery or other materials become entangled with moving parts of plant or materials in motion? Striking Could anyone be struck by moving objects such as the work piece being ejected, or by the unexpected or uncontrolled movement of the plant or work piece? Cutting, Stabbing and Puncturing Can anyone be cut, stabbed or punctured by coming into contact with moving plant or parts, or objects such as ejected work piece or waste?</p>	<p> Appropriate First Aid Provided Casualties treated by first aider until emergency help arrives</p> <p> Only Competent Persons Can Operate The Equipment Only personnel with sufficient information, instruction and training can operate the equipment.</p> <p> Sharps Handled With Care (Tools) Open-bladed knives & other sharp tools are to be carried and used so as not to cause injury.</p>	<p> First Aid Needs Assessment Carried Out Appropriate first aid facilities & personnel provided as a result of a First Aid Needs Assessment.</p> <p> Operators Trained In Safe Operation Of Equipment Operators receive adequate information, instruction & training for safely operating the equipment</p>	<p>4 x 1</p> <p></p> <p>4</p> <p>Low</p>

Further control measures

Operating procedures

1. Where possible, potentially hazardous portable power saws, including all cordless reciprocating saws, are substituted or replaced with less hazardous alternatives.
2. All necessary guards and safety devices are in place protecting workers from all moving parts, particularly the oscillating blade.
3. Staff and student training is provided to minimise exposure to these hazards and risks.
4. Safe operating procedures (SOPs) are available and clearly displayed.
5. Warning "Danger" tags (or similar) are affixed to all portable cordless power saws or their battery chargers when under repair or maintenance preventing workers from using them.
6. "Safe Working Zones" are clearly defined in all practical workspaces where the cordless reciprocating saw is to be used.
7. Operators are required to remove all jewellery, tuck in loose clothing and tie back long hair.
8. All approved personal protective equipment (PPE) is used where required.

1. Slip resistant flooring is encouraged. Regular checks are made for unsafe wear and damage. Inspections are made for any power leads to battery chargers, etc.
2. Procedures are in place for the disposal of all waste materials around all work spaces where any cordless reciprocating saw activities are to be performed.
3. Staff training is provided to minimise exposure to these hazards.
 1. Portable cordless power saws are regularly maintained to help minimise the risk of exposures to these hazards.
 2. All portable cordless power tool maintenance is documented.
 3. Exposure to noisy ITD workshop environments is monitored and evaluated regularly for all workers.
 4. Engineering controls (or physical changes) such as mandatory machinery guarding or any protective safety screens and enclosures are in place in all workspaces and all in good working condition.
 5. Staff and student training is provided to minimise exposure to these hazards.
 6. All ducted dust extraction systems are connected and operational.
 7. Good lighting is provided to all workspaces and this is maintained on a regular basis. Fluorescent tubes are checked and replaced as required.
 8. All approved personal protective equipment (PPE) is used where required.

1. Visually checks are made of all portable cordless power saws, their electrical switches, plugs, leads and battery charges.
2. Electrical safety inspections, testing and tagging, etc. are completed regularly as per guidelines for all cordless portable power tool battery chargers.

Supporting evidence

[indg175 Hand-arm vibration at work safety.pdf](#)

31/03/2023 -265416 kb

[indg362 Noise at work.pdf](#)

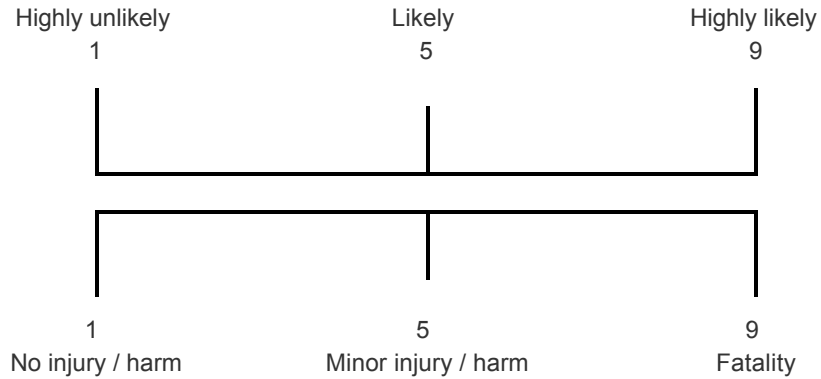
31/03/2023 -400632 kb

[wis35 Safe use of power-operated cross-cut saws.pdf](#)

31/03/2023 -2124303 kb

Risk rating explanation

Risk ratings are calculated by considering the likelihood of an event occurring along with the severity of the potential consequence should an accident occur. After considering existing control measures, values are assigned to the likelihood and severity from the scales below and these figures multiplied to established the risk rating.



9	18	27	36	45	54	63	72	81
8	16	24	32	40	48	56	64	72
7	14	21	28	35	42	49	56	63
6	12	18	24	30	36	42	48	54
5	10	15	20	25	30	35	40	45
4	8	12	16	20	24	28	32	36
3	6	9	12	15	18	21	24	27
2	4	6	8	10	12	14	16	18
1	2	3	4	5	6	7	8	9

Probability

Severity

What do your risk ratings mean?

- Risk is categorised as LOW: Look to reduce risk if practicable
- Risk has been categorised as MEDIUM: Begin to plan your action to reduce the risk immediately
- Risk has been categorised as HIGH: Immediate action required to reduce the risk

Assessor's signature: Leon Varga

Approved by signature: Leon Varga

Employee(s)/Worker(s) acknowledgement

The signs below acknowledge receipt of this risk assessment and confirm that they have read and understood the requirements of the risk assessment.

Employee name	Signature(s)	Date

Employee name	Signature(s)	Date