








Risk assessment for : Leeds Wood Recycling Cic


















Risk assessment name	Bosch PSB 7000RES Drill	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	LEE1783438








Workspace(s)	Description
 Processing	<p>Check tool is appropriate for the job and used in accordance with manufacturer's instructions. Users shall be trained in the correct use of portable tools. Inexperienced power tools users should be supervised or observed when first using an unfamiliar item of equipment or in an unfamiliar environment. Power tools should be securely stored when not in use.</p>

Overall risk rating : 4 (Low)











Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Hand Arm Vibration <<enter dosage & time>>m/s² Excessive exposure to vibrating tools may cause health issues such as Hand Arm Vibration Syndrome</p>	<p>All staff, Operators</p> <p>How Many? vary</p> <p>How? HAVS symptoms described in these web pages and whether the equipment being used produces high levels of vibration or uncomfortable strains on hands and arms</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Hand Arm Vibration Control <<enter time of use>> Hand Arm Vibration is controlled through the measurement of the vibration dosage & time permitted</p>  <p>Tools With Excessive Hand Arm Vibration Not Used Operatives are not to use vibrating tools unless the vibration dosage/time to meet the ELV is known.</p> </div> <div style="width: 45%;">  <p>Regular Breaks Taken Regular Breaks Taken</p> </div> </div>	<p>4 x 4</p>  <p>16</p> <p>Medium</p>

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Manual Handling of Wood/Wood Products Risk of injury whilst undertaking the manual handling of wood & wood products</p>	<p>All staff</p> <p>How Many? vary</p> <p>How? Manual handling can cause injury in the short term through accidents, or longer term damage from bad handling techniques. Short term injuries include bruises, cuts, hernias, sprained and inflamed tendons, sprained ligaments, ruptured discs, trapped nerves, and crushed fingers and feet and broken bones. Longer term damage often leads to persistent back injuries.</p>	 <p>Manual Handling Training Given All relevant employees have received training on correct manual handling techniques</p>	<p>1 x 1</p> <p>1</p> <p>Low</p>
 <p>Noise levels at <<enter noise level>>dB(A) Risk of hearing damage due to exposure to excessive levels of noise.</p>	<p>Operators</p> <p>How Many? vary</p> <p>How? Hearing damage</p>	 <p>All Employees Receive Induction Training All employees receive induction training upon commencement with the Company</p>  <p>Hearing protection provided & worn Hearing protection available and to be worn whilst carrying out noisy work activities</p>	<p>3 x 4</p> <p>12</p> <p>Medium</p>








Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Particles/Debris Ejected From Work Equipment/Tools Risk of injury/ill-health due to dust/particles being ejected during the processing activities.</p>	<p>All staff, Operators</p> <p>How Many? vary</p> <p>How? Exposure limits Both hardwood and softwood dusts have a Workplace Exposure Limit (WEL) which must not be exceeded.</p> <p>The WEL for hardwood dust is 3mg/m3 (based on an 8-hour time-weighted average).</p> <p>The WEL for softwood dust is 5mg/m3 (based on an 8-hour time-weighted average).</p> <p>For mixtures of hardwood and softwood dusts the WEL for hardwood dust of 3mg/m3 applies to all wood dusts present in that mixture.</p> <p>Adequate control of wood dust is achieved when:</p> <p>The eight principles of good control practice are applied as set out in Schedule 2A of COSHH; Exposure is below the relevant WEL; and Exposure is reduced to as low a level as is reasonably practicable.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>Appropriate First Aid Provided Casualties treated by first aider until emergency help arrives</p> </div> <div style="width: 50%;">  <p>Eye Protection Worn Eye protection supplied to BS EN 166 & relevant to the work activity hazard</p> </div> <div style="width: 50%;">  <p>Eye/Face Guard Worn Eye/face guard worn to protect both eyes and face against the risk of debris and/or splashes</p> </div> <div style="width: 50%;">  <p>Fixed Guards in Place At All Times Fixed guards in place at all times & regularly checked</p> </div> <div style="width: 50%;">  <p>Foot Protection Worn Foot protection supplied & worn to BS EN 20345 relevant to the work activity hazard</p> </div> <div style="width: 50%;">  <p>Good Hand Washing/Hygiene Procedures Observed Good hand washing procedures observed to reduce the risk of skin disorders and promote good hygiene</p> </div> <div style="width: 50%;">  <p>Only Competent Persons Can Carry Out The Task Only personnel with sufficient information, instruction and training can carry out the task.</p> </div> <div style="width: 50%;">  <p>PPE Issued, Worn & Kept In Good Condition PPE Issued, Worn & Kept In Good Condition</p> </div> <div style="width: 50%;">  <p>Protective Clothing Must Be Worn Protective Clothing Must Be Worn</p> </div> </div>	<p>2 x 1</p> <p style="font-size: 2em; color: green; text-align: center;">1 2</p> <p>Low</p>

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>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>First Aid Needs Assessment Carried Out Appropriate first aid facilities & personnel provided as a result of a First Aid Needs Assessment.</p> </div> <div style="width: 50%;">  <p>Only Competent Persons Can Carry Out The Task Only personnel with sufficient information, instruction and training can carry out the task.</p> </div> <div style="width: 50%;">  <p>Only Competent Persons Can Operate The Equipment Only personnel with sufficient information, instruction and training can operate the equipment.</p> </div> <div style="width: 50%;">  <p>Operators Trained In Safe Operation Of Equipment Operators receive adequate information, instruction & training for safely operating the equipment</p> </div> <div style="width: 50%;">  <p>Provision Of Written Safe Systems of Work In Place Provisions of written Safe Systems of Work to control the process with the minimum risk of injury</p> </div> </div>	<p>3 x 2</p>  <p>6</p> <p>Low</p>

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 <p>Wood Dust Risk of ill-health due to the inhalation of harmful soft/hard wood & M.D.F. dust.</p>	<p>Operators</p> <p>How Many? changing</p> <p>How? Respiratory illness Reduced visibility Skin irritation</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>All Employees Receive Induction Training All employees receive induction training upon commencement with the Company</p> </div> <div style="width: 50%;">  <p>Cleaning Schedules in Operation Cleaning Schedules in Operation</p> </div> <div style="width: 50%;">  <p>Eye Protection Worn Eye protection supplied to BS EN 166 & relevant to the work activity hazard</p> </div> <div style="width: 50%;">  <p>Hand arm vibration</p> </div> <div style="width: 50%;">  <p>Local Exhaust Ventilation Provided For The Task Local Exhaust Ventilation Provided For The Task</p> </div> <div style="width: 50%;">  <p>Provision Of Written Safe Systems of Work In Place Provisions of written Safe Systems of Work to control the process with the minimum risk of injury</p> </div> <div style="width: 50%;">  <p>RPE - Disposable Respirator FFP 1/2/3 Protects against fine dust, mists & fumes (FFP1 - APF of 4; FFP2 - APF of 10 & FFP3 - APF of 20)</p> </div> <div style="width: 50%;">  <p>Statutory Inspection On Local Exhaust Ventilation Local Exhaust Ventilation Tested in accordance with the statutory requirement for the work/type.</p> </div> <div style="width: 50%;">  <p>Wood Dust Control Dust extraction is fitted to the machinery & vacuums are provided to remove wood dust from flooring.</p> </div> </div>	<p>2 x 1</p> <p style="font-size: 2em; color: green;">1 2</p> <p>Low</p>

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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Work Equipment (Woodworking Machinery) Risk of injury due to contact with blades & ill health due to the inhalation of wood dust created.</p>	<p>All staff, Operators</p> <p>How Many? vary</p> <p>How? This Approved Code of Practice and guidance is aimed at employers, dutyholders and anyone who has responsibility for the safe use of woodworking machinery, such as managers and supervisors. It applies to most woodworking machinery, except hand-held tools, and includes tasks involving wood, corkboard, fibreboard and composite materials. It gives practical advice on the safe use of woodworking machinery and covers the provision of information and training, as well as aspects of guarding.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>Authorised Persons Only To Operate The Equipment Only operated by persons that have received adequate training & authorised to use the equipment</p> </div> <div style="width: 50%;">  <p>Do Not Wear Gloves The operative should not be wearing gloves as there is a risk of entanglement in the machine.</p> </div> <div style="width: 50%;">  <p>Machine Fitted With Automatic Braking Device Automatic brake is fitted that stops the tool in ten seconds or less if there is a risk of contact</p> </div> <div style="width: 50%;">  <p>Operators Trained In Safe Operation Of Equipment Operators receive adequate information, instruction & training for safely operating the equipment</p> </div> <div style="width: 50%;">  <p>Only Competent Persons Can Operate The Machine Only personnel with sufficient information, instruction and training can operate the machine</p> </div> <div style="width: 50%;">  <p>Routine Maintenance Undertaken Routine maintenance is undertaken in accordance with the manufacturer's requirements</p> </div> </div>	<p>2 x 2</p> <p style="color: green; font-size: 2em; font-weight: bold;">4</p> <p>Low</p>

Further control measures

Operating procedures

Check tool is appropriate for the job and used in accordance with manufacturer's instructions.
Users shall be trained in the correct use of portable tools.
Inexperienced power tools users should be supervised or observed when first using an unfamiliar item of equipment or in an unfamiliar environment.
Power tools should be securely stored when not in use.

Supporting evidence

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

28/03/2023 -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

Assessor's signature: Leon Varga

Approved by signature: Leon Varga