



## Risk assessment for : Leeds Wood Recycling Cic

















<b>Risk assessment name</b>	24 Litre Air compressor	<b>Assessment type</b>	 General
<b>Assessor name</b>	Leon Varga	<b>Affected site(s)</b>	Leeds Wood Recycling CIC (LS11 9RT)
<b>Assessment date</b>	28/03/2023	<b>Review period</b>	Annually
<b>Approved by</b>	Leon Varga	<b>Review date</b>	28/03/2024
<b>Approved date</b>	28/03/2023	<b>Reference</b>	LEE1779510

Workspace(s)	Description
 Processing	<p>Reflecting the volatility of compressed air, this guidance promotes greater safety knowledge and is addressed to compressor designers, manufacturers, installers and users. Emphasis is on raising awareness of headline dangers of air compression use, eg orificial bodily entry, skin penetration, explosions and optical damage caused by particles.</p> <p>Citing the major hazard of overpressurisation, it examines associated risks, such as blockages, failure of automatic controls, malfunctions such as overspeeding, external fires nearby, overheating and deposit accumulation. Complemented by circuit diagrams, eg guard-open/closed distinctions, the detail considers the spectrum of subjects including compressor plant, air receivers and dryers, coolers, main line systems, actuators, portable pneumatics and pneumatic powered machinery, while exploring general safety issues such as inspection, maintenance and training needs.</p>





Overall risk rating : 6 ( **Low** )

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

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 <p>Noise levels at/above 85 dB(A) Risk of hearing damage due to exposure to excessive levels of noise.</p>	<p>All staff, Operators, visitors</p> <p>How Many? 1-5</p> <p>How? Emphasis is on raising awareness of headline dangers of air compression use, eg orificial bodily entry, skin penetration, explosions and optical damage caused by particles.</p>	<p> <b>Adequate Supervision Provided</b> Adequate Supervision Provided</p> <p> <b>All Staff Trained In Good Housekeeping Techniques</b> All staff are trained in good housekeeping techniques &amp; the standards expected in the workplace</p> <p> <b>Barriers In Place To Prevent Unauthorised Access</b> Barriers In Place To Prevent Unauthorised Access</p> <p> <b>Hazard Analysis &amp; Critical Control Points In Place</b> Hazard Analysis &amp; Critical Control Point plan in place and reviewed.</p> <p> <b>Mandatory Hearing Protection Zones Designated</b> Mandatory hearing protection zones designated as noise levels are 85dB(A) and above in the area.</p> <p> <b>Only Competent Persons Can Operate The Machine</b> Only personnel with sufficient information, instruction and training can operate the machine</p>	<p> <b>All Employees Receive Induction Training</b> All employees receive induction training upon commencement with the Company</p> <p> <b>Appropriate First Aid Provided</b> Casualties treated by first aider until emergency help arrives</p> <p> <b>Good Housekeeping Observed During The Task</b> Good housekeeping standards observed &amp; maintained by operatives throughout the duration of the task</p> <p> <b>Hearing protection provided &amp; worn</b> Hearing protection available and to be worn whilst carrying out noisy work activities</p> <p> <b>Noise Risk Assessment Carried Out</b> Noise risk assessment carried out c/w regular measurements to ensure it is kept valid and up to date</p> <p> <b>PPE Issued, Worn &amp; Kept In Good Condition</b> PPE Issued, Worn &amp; Kept In Good Condition</p>	<p>6 x 2</p> <p> 12</p> <p>Medium</p>

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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p><b>Pro-active Monitoring In Place</b> Pro-active monitoring systems in place</p> </div> <div style="width: 50%;">  <p><b>Routine Maintenance Undertaken</b> Routine maintenance is undertaken in accordance with the manufacturer's requirements</p> </div> <div style="width: 50%;">  <p><b>Task Rotation</b> To reduce the risk, work activities are rotated</p> </div> <div style="width: 50%;">  <p><b>Warning &amp; Information Signage Displayed</b> Relevant warning &amp; information signage displayed relative to the work activity, hazard &amp; risks</p> </div> </div>	

## Further control measures

## Operating procedures

"C:\Users\LWRFour\Documents\hsg39 compressed air safety.pdf"

## Supporting evidence

[hsg39 compressed air safety.pdf](#)

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Assessor's signature: Leon Varga

Approved by signature: Leon Varga

