

Risk Rating

Risk Assessment & Method Statement

Task/ activity: Use of compressors and pneumatic power tools

Task/ activity description:

The use of compressors and compressed air power tools across Regen Waste.

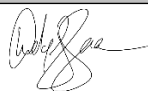


Likely to be effected: Operatives, Subcontractors, Visitors

Hazard	Control measures to be taken to reduce risk	Scoring		Risk rating
		S	P	
Noise - Hearing loss - Tinnitus - Partial hearing loss	• Operatives are instructed in PPE requirements before usage of a pneumatic tool or compressors is authorised on site; this will include hearing, safety glasses, and foot protection as appropriate for the work and machine. • Compressor must be adequately maintained at suitable time intervals.	4	2	8
Vibration - Vibration syndrome - White fingers	• All tools and compressors will be regularly maintained and checked. • A rota for operatives must be in place so as to not exceed the individual's exposure to vibration. • Operatives are made aware about this hazard.	3	2	6
Ejected or flying debris - Eyes	• Only trained, competent personnel is authorised to use this equipment. • PPE will be chosen as per the activity and the risk but where there is a risk of flying	4	2	8

injuries - Major injuries	particles, operatives should always wear eye protection measures such as safety goggles or an appropriate face mask. - Air hoses will not be used for cleaning down, except under supervision and properly planned. - Compressed air should not be used for blowing down clothing etc as compressed air can enter the body via the skin. - Operative to ensure that the hoses are the right size for the tool and that the length of the hose is kept as short as possible.			
Falling objects - Head injuries - Cuts - Bruises	- The working area should be checked before the use of compressed air is used to ensure nothing can fall on any worker in the immediate workstation or anywhere close to the compressor which is vibrating. - Tools and equipment must be secured while using	3	2	6
Dust or another chemical inhalation - Breathing issues - Fatality	- If work takes place in areas of poor ventilation, local exhaust ventilation should be used to extract the fumes. - If work takes place in areas of poor ventilation, action can be taken to prevent build-up of lubricating oil mist or dust build-up. - Air hoses will not be used for cleaning down, except under supervision, (no body cleaning down allowed).	4	2	8
Mechanical failure (Compressor) - Hand injuries - Face injuries	- Pre use checks and maintenance must be undertaken at suitable intervals for compressors, fittings and plant that use air under pressure. - Care taken for hoses, connections and valves will be in good condition and correctly fitted.	4	2	8

Approval and review

Assessor:	Signature:	Position:	Date:
Wesley Jameson		Health & Safety Manager	Apr 2024

Approved by:	Signature:	Position:	Date:
Joseph Doherty	<i>Joseph Doherty</i>	Chief Executive Officer	Apr 2024
Reviewed on:	Apr 2024	New version number:	2
Date of next review:	Apr 2025, or as an when required		

Minimum PPE Requirements

- Eye protection, eye protection, safety boots

Training:

- Selection may be required of operatives who have experience of the work and are physically fit.
- Operatives will be trained/briefed in the safe use of pneumatic tools and the precautions necessary.
- Training will include the finding of COSHH and noise assessments and any necessary actions. Supervisors will receive the same basic training.

Method statement

Planning:

- COSHH and PPE requirements will be carried out before work begins.
- Assessments of foreseen noise will be carried out
- Compressors are subject to planned maintenance and through examination. However weekly inspections should be carried out and recorded.

Physical:

- Assessments of PPE requirements will be carried out before use of a pneumatic tool or compressors is authorised on site; this will include hearing, eye head, and foot protection as appropriate for the work and machine.
- PPE will be worn as directed by tool and activity.
- Air receivers will be identified by serial/plant number and be fitted with pressure gauge, safety valve, drain point, and access for cleaning.
- The safe working pressure will be identified on all air receivers and will not be exceeded.
- All guards and covers will be fitted to moving parts or compressors, especially on V-belts and pulleys.
- Cutting tools provided will be kept sharp and be held securely in their fitment.
- Operating instructions must be available for all plant prior to use.

- Ensure that the hoses are the right size for the tool and that the length of the hose is kept as short as possible.
- Hoses must be kept clear of corrosive materials and protected from interference by passing traffic.
- Hoses must be kept clean when disconnected
- All connections must be properly clamped to prevent the hose whipping.
- If at any stage during the use or after using power tools the user starts to suffer or feel the effects of pain, numbness, pins and needles in the hands etc then stop the work and report to site supervisor/manager and seek medical help.

Managerial/Supervisory:

- Continuous monitoring of noise will be carried out, and where the action level are likely to be exceeded full assessment will be made, if work takes place in areas of poor ventilation, action can be taken to prevent build-up of lubricating oil mist.
- Air hoses will not be used for cleaning down, except under supervision, (no body cleaning down allowed).
- Hose connections will be checked regularly for security and damage.
- Strict supervision will ensure that there is no horseplay with compressed air.
- Ensure the operators take breaks when using pneumatic tools and complete exercises to relive tension in hands and arms.