



**Risk Assessment - Use of Pneumatic Equipment**

Reference No: GLO-44783-33  
 Version No: 2  
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Department: Global  
 Date Of Assessment: 10 August 2022  
 Review Due Before: 23 September 2030  
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**Use of Pneumatic Equipment**

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Injury caused by improper use or equipment failure, noise, vibration, projectiles, moving parts and high-pressure air etc. Poor use/technique and equipment failure	Volunteers & Staff	1) CRITICAL - Engineering: Ensure that all equipment is checked before use. - Effective 2) CRITICAL - Engineering: Be aware of the chance of ejected materials impacting on the body. - Effective 3) CRITICAL - Engineering: Only use the correct type of connection and don't modify equipment or hoses for other types of connector. - Effective 4) CRITICAL - Engineering: Use the correct pressure settings for the equipment in use and task to be completed. - Effective 5) CRITICAL - Engineering: Ensure that any compressors or other pressure vessels have been inspected and are 'in-ticket'. - Effective 6) CRITICAL - Engineering: Be aware of the risk of trailing hoses. - Effective 7) CRITICAL - Engineering: Keep the work area clean, tidy and free from trip and other hazards. - Effective 8) CRITICAL - Engineering: When using blow guns great care must be taken not to blow debris towards other work areas or persons. - Effective 9) CRITICAL - Administrative: Equipment should be inspected and labelled for maximum time usage. - Effective 10) CRITICAL - Administrative: Equipment should not be used for any longer than the manufacturers guidance to avoid HAVS injury. HAVS data to be available to the user. - Effective 11) CRITICAL - Administrative: Be aware of your own limitations. - Effective 12) CRITICAL - Administrative: Staff should be experienced and competent in the task undertaken. - Effective 13) CRITICAL - Administrative: Move other workers away from the area if they are likely to be impacted by noise or dust. Be considerate of others. - Effective 14) CRITICAL - Administrative: Equipment should only be used for the task that it was designed for and should not be adapted or abused. - Effective 15) CRITICAL - Administrative: Be aware of the risk of a 'flailing' hose should a connector fail and isolate and such hoses immediately. - Effective 16) CRITICAL - Administrative: Compressed air must not be allowed to come into contact with skin so as to cause aneurisms. - Effective 17) CRITICAL - PPE: Overalls, safety footwear, safety eyewear, hearing protection and gloves to be worn. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	1) PPE: Consider using padded anti-vibration gloves - Effective 2) PPE: Consider wearing a dust mask in applications where dust is present. - Effective	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

**Score and Control Measure Notes.**

Low risk due to nature of tasks undertaken.  
 Risk slightly reduced by extra PPE.

**COSHH Assessments**

There are no COSHH assessments associated with this risk assessment.  
 Ends