Risk Assessment - Use of Pneumatic Equipment

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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