

This risk assessment relates only to the *generic* features of a common activity; it does not cover those *specific* to a location or group. It therefore must not be used without completing the local review, making additions as necessary to take account of local circumstances. However, such a local review need not be timeconsuming. Use the box at the bottom to create the local review, or add extra pages as necessary. **SEE ACCOMPANYING SAFETY NOTES**

ACTIVITY ASSESSED 36. Use of the Einhell compressor and air hose	ASSESSOR Stephen Bolsover	ASSESSMENT DATE 26 th May 2026
HAZARD potential for harm	RISK LEVEL	PRECAUTIONS to remove hazard or reduce risk level. One precaution may tackle several hazards.
High pressure air can penetrate the skin, sometimes through skin breaks the size of a needle puncture, and enter the bloodstream causing lethal arterial gas embolism, or pierce the gut wall, inflating the gut to the point of rupture. High pressure air can drive surface debris, oil, or solvent under the skin into deep tissue planes. The presenting wound is often deceptively small while the underlying damage extends out laterally into the tissues.	H	The nozzle must never be pointed at a person's body, either that of the operator, or anyone else in the vicinity. This applies to both bare skin and clothed or gloved areas of the body The only case where one might do this deliberately is if one tried to clean dust off clothing or gloves worn on the body with the air hose, this must not be attempted. The condition could however arise accidentally when one is working in a tight space, for example manipulating the nozzle within the bonnet of the flail tool. Whenever we are using the air hose nozzle within a tight space we must be especially careful never allow it to point at hands or other parts of the body.
Eye damage can be caused either directly by high pressure air or by small dirt or paint particles being driven into the eye socket.	H	In addition to the rule above, eye protectors must be worn while using the air hose.
The compressor is noisy and could cause ear damage to people standing close.	M	Volunteers must wear ear protectors when within a metre of the compressor when it is running.
The pressure vessel may rupture in an explosive manner with flying metal shrapnel	H	The vessel is fitted with a safety valve. To make sure that this and the vessel do not rust, condensed water must be drained from the vessel after every use.
RISKS AND PRECAUTIONS SPECIFIC TO THE SITE OR DAY ASSESSOR ASSESSMENT DATE APPLICABLE DATES (This is likely either to be one specific day, or "until further notice".)		

Risk level: L = Low, M = Medium, H = High

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RESTRICTIONS		
PREVENTATIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT		
TRAINING		
MONITORING		
INFORMATION		

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