

# Risk Assessment

## RA008A – Use of Handheld Electric Tools in the Yard



ABI Equipment Ltd	Creation Date: 15/01/2014
Use of Handheld Electric Tools in the Yard	

Main Hazards are:	
Electric shock	Excessive Vibration.
Torque/sudden movement of the tool, e.g. high-power drill hitting a hidden reinforcement and twisting.	Particles or fragments ejected from the tool or material.
Trailing electrical cables causing a trip hazard.	Excessive Noise.
Excessive dust generated.	
Persons / Property affected	
All Employees	General Public
Service Technician	Sub Contractors

Assessment of Risk:	Severity	5	X	Likelihood	4	= Risk	20
---------------------	----------	---	---	------------	---	--------	----

Control Measures already in Place	PPE Required
1. Only green labelled tools can be used without prior authorization of service manager.	Safety helmets <input checked="" type="checkbox"/>
2. User to obtain daily exposure data from service manager for all orange & red labelled tools. Tools use must not exceed the daily exposure time.	Hi-Vis Jackets <input checked="" type="checkbox"/>
3. Check that the PAT test has been carried out and is within date.	Safety footwear <input checked="" type="checkbox"/>
4. All tools to be inspected before use to ensure they are in a good state of repair and free from damage.	Eye protection <input checked="" type="checkbox"/>
5. 110 voltage tools with power supplied through an isolating center tapped to earth should be used.	Dust masks <input checked="" type="checkbox"/>
6. The supply voltage must be within the operating range as marked on the tool-plate.	Ear plugs <input checked="" type="checkbox"/>
7. Keep leads tidy and out of the way of personnel routes. If possible, secure leads with cable ties or tape.	Earmuffs <input checked="" type="checkbox"/>
8. Extension leads should be fully unwound when in use.	Gloves <input checked="" type="checkbox"/>
9. Tools should be either earthed or double-insulated.	Protective overalls <input checked="" type="checkbox"/>
10. Temporary electrical repairs are not allowed.	Gauntlets <input checked="" type="checkbox"/>
11. If adjustments or changes need to be made, tools should be disconnected from the mains supply.	Harnesses <input type="checkbox"/>
12. A system of regular planned maintenance and inspection by a competent person should be in place and a record kept of all maintenance.	Breathing apparatus <input checked="" type="checkbox"/>
13. All workers must wear appropriate personal protective equipment (PPE) including gloves, ear protection or dust masks as required.	Face masks <input checked="" type="checkbox"/>
14. All damaged tools must be passed to the service manager for repair or disposal.	
15. If aches & pains occur whilst using a hand tool this must be reported to the service manager.	

Assessment of Risk:	Severity	3	X	Likelihood	3	= Risk	9
---------------------	----------	---	---	------------	---	--------	---

# Risk Assessment

## RA008A – Use of Handheld Electric Tools in the Yard



Additional Controls required	PPE/Equipment
Users of hand tools must be aware of the daily exposure limit of the tool they are using.	<b>All personnel MUST wear the appropriate level of PPE for the activity they are involved with or area they are in.</b>
A full survey of hand tools should be carried out each two years and this should be reviewed by managers to ascertain how long hand tools can be used on a given day and when the tools should be replaced.	
Visitors are accompanied around the site.	
The employee must be adequately trained and competent to operate the handheld tools or equipment they are to use.	
Newly trained staff should be supervised until a suitable level of competency has been achieved.	

<b>Assessment of Risk:</b>	Severity	3	X	Likelihood	2	= Risk	6
----------------------------	----------	---	---	------------	---	--------	---

Approval and Review		
Prepared by:	Cathy Sheehan	15/01/2014
Updated by	Ash Soliman	25/07/2024
Review by:	Ash Soliman	25/07/2024

RISK RATING = L x S			Hazard Severity (S)				
			1	2	3	4	5
Likelihood (L)	1	Very Unlikely	Negligible LOW	Slight LOW	Moderate LOW	High LOW	Very High LOW
	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM
	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH
	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH

Likelihood	
1. Very Unlikely	A freak combination of factors would be required for an accident/incident to occur
2. Unlikely	A rare combination of factors would be required for an accident/incident to occur
3. Possible	Could happen when accidental factors are present but otherwise unlikely
4. Likely	Not certain to happen but an additional factor may result in an accident/incident
5. Very Likely	Almost inevitable that an accident/incident would occur
Hazard Severity	
1. Negligible	Negligible injury, no absence from work
2. Slight	Minor injury requiring first aid
3. Moderate	Injury leading to a lost time accident
4. High	Involving a single person with a serious injury / death
5. Very High	Multiple persons with serious injury / death
Outcomes	
LOW	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further
MEDIUM	Score (8-10) Identify controls must be identified or specific method statement required
HIGH	Score (12-25) Task <b>must not</b> proceed. Senior Management to consider if the risks can be reduced by purchase of additional training, additional equipment, additional staff, additional signage, safe system of work, permit to work or radical changes in method.

<b>Version Number</b>	<b>RA008A-0724-3.0</b>
Document location	M:\Health & Safety\Risk Assessments
Prepared by	Cathy Sheehan
Reviewed by	Ash Soliman
Next review Date	June 2026