

Risk Assessment

RA015 – Use of Hand Tools



ABI Equipment Ltd	Creation Date: 28/09/2012
Use of Hand Tools	

Main Hazards are:	
Eye injury	Noise
Flying particles from tools	Injury to hands, feet and body
Tripping over tools	
Persons / Property affected	
All Employees	General Public

Assessment of Risk:	Severity	2	X	Likelihood	3	= Risk	6
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Control Measures already in Place	PPE Required
1. Work should be undertaken away from pedestrian walkways.	Safety helmets <input type="checkbox"/>
2. Portable screens to be used as a barrier between the work area and other people.	Hi-Vis Jackets <input checked="" type="checkbox"/>
3. All tools must be assessed to ensure that they are fit for purpose and are in good working order.	Safety footwear <input checked="" type="checkbox"/>
4. Visual checks must be completed by operatives on the tools prior to their use.	Eye protection <input checked="" type="checkbox"/>
5. Open-bladed knives, screwdrivers and other sharp tools are to be carried and used so as not to cause injury to the user and others.	Dust masks <input type="checkbox"/>
6. Tools should be either earthed or double-insulated.	Ear plugs <input checked="" type="checkbox"/>
7. Non-ferrous (spark free) tools are to be used in flammable atmospheres.	Earmuffs <input checked="" type="checkbox"/>
8. A system of regular planned maintenance and inspection by a competent person should be in place and a record kept of all maintenance.	Gloves <input checked="" type="checkbox"/>
9. All workers must wear appropriate personal protective equipment (PPE)	Protective overalls <input checked="" type="checkbox"/>
10. All damaged tools to be scrapped and replaced immediately obtaining authorization from works manager.	Gauntlets <input type="checkbox"/>
	Harnesses <input type="checkbox"/>
	Breathing apparatus <input type="checkbox"/>
	Face masks <input type="checkbox"/>

Assessment of Risk:	Severity	2	X	Likelihood	1	= Risk	2
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Additional Controls required	PPE/Equipment
All personnel on site should be made aware of the safe systems of work.	All personnel MUST wear the appropriate level of PPE for the activity they are involved with or area they are in
The employee must be adequately trained and competent to operate the tools/equipment they are to use.	
Newly trained staff should be supervised until a suitable level of competency has been achieved.	

Assessment of Risk:	Severity	2	X	Likelihood	1	= Risk	2
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Approval and Review		
Prepared by:	Cathy Sheehan	28/09/2012
Updated by	Ash Soliman	16/09/2024
Review by:	Ash Soliman	16/09/2024

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RISK RATING = L x S			Hazard Severity (S)				
			1	2	3	4	5
			Negligible	Slight	Moderate	High	Very High
Likelihood (L)	1	Very Unlikely	LOW	LOW	LOW	LOW	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 must not 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.

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