



RISK ASSESSMENT RA45: PORTABLE TOOLS

Operation/Task:	Powered Tools (excluding Mobile Plant)	Employees at Risk:	Operators, site personnel.	
Location/Area:	All Sites	Other Persons at Risk:	Other contractors, public.	
Assessor:	Registered User	Key Responsible Personnel:	Contracts Managers & Supervisors	

Activity	Hazard	Risks	Pre Control Risk Ratings			Control Measures	Post Control Risk Ratings			Comments
			1*	2**	1x2		1*	2**	1x2	
Portable tools	Tool	<p>Hair or clothing becoming entangled in moving parts</p> <p>Eye injuries from dust, swarf or other fragments</p> <p>Wrist and hand injuries due to tool jamming or binding</p> <p>Hand/Arm Vibration Syndrome (HAVS)</p> <p>Air/hydraulic lines becoming detached or bursting</p>	5	6	30	<p>Loose clothing and long hair to be kept clear of moving parts of power tools.</p> <p>Operatives shall be trained in the correct use of portable tools.</p> <p>Suitable eye protection to be worn where there is a foreseeable risk of eye injury.</p> <p>Suitable RPE to be worn where there is a foreseeable dust hazard.</p> <p>Tools must be used in accordance with manufacturer's instructions.</p> <p>Qualified persons will test all portable electrical equipment at recommended regular intervals, i.e. offices 12 months, workshops 6 months and on site 3 monthly intervals. Evidence of such test shall be available.</p> <p>Select power tools with lowest vibration level. A tool producing high levels of vibration to have anti-vibration handles to reduce the risks Hand/Arm Vibration Syndrome (HAVS) – see below.</p> <p>Minimise the time individuals use the equipment i.e. job rotation.</p>	2	6	12	Refer to the Operator Manual. A separate COSHH Assessment will be carried out where dust is likely to be a hazard to health and suitable personal protective equipment (PPE) will be provided and worn.

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						Noise Assessment required where deemed necessary. A safe working platform is required when using a power tool (in preference to equipment such as a step ladder).				
	Electricity	Electric shock	5	6	30	All power feeds, electrical, pneumatic or hydraulic, to comply with European or British Standards and maintained in good condition. Where practicable only 110v electrical tools will be used. Portable tools shall only be used in well-lit and ventilated areas.	2	6	12	-
	Fuel	Fire/explosion	5	6	30	Refuel when tool is cool. Store fuel in minimum quantities, in a marked sealed container.	2	6	12	-

The person signing this assessment must check the information above to ensure it is relevant to this operation on this site. Additionally any additional controls measures deemed necessary must be included.

Target Post-Control Rating=10. Some Pre-Control ratings may be less than 10 but further controls are still to be considered.

Assessment Date:	01/01/2006	Review Date:	23/02/2007	Copies Issued To: (For Contract Specific Use)		Date:		Date:
Approved For Issue:			(Signature)			Date:		Date:
Issue No:	2					Date:		Date:
* Exposure Ratings		1=Highly Unlikely, 2=Unlikely, 3=Possible, 4=Probable, 5=Common, 6=Regular, 7=Continuous						
** Severity Ratings		1=Trivial, 2=Minor, 3=Under "3-day" Injury, 4=Over "3-day" Reportable Injury, 5=Major Injury, 6=Fatality (1 person), 7=Multiple Fatality (2+ persons)						