

Risk Assessment Summary Sheet

Ref 003

Activity/Workplace; Abrasive Wheels

Generic Risk Assessment						Risk Assessment after application of Control Measures				
Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating before controls	CONTROL MEASURES	Responsible Person	Likelihood	Severity	Risk Rating after controls
Bursting of Wheel or Disc	Cuts to hands, legs, etc.	Employees Contractor	3	5	15	<p>Line manager must ensure that sufficient operatives have been trained in accordance with the Abrasive Wheels Regulations in the mounting of abrasive wheels and disc on the type of machine to be used, and that the names of the persons appointed are noted.</p> <p>All personnel using abrasive wheels must be given sufficient Information, Instruction and Training by a recognised trainer on the hazards, safe operating, safe systems of work and precautions to be taken in their use. The training must include the correct selection, use and maintenance of PPE and equipment.</p> <p>Personnel operating abrasive wheels must be provided with and wear appropriate personnel protective equipment, eye protection, hearing defenders, respiratory protection, etc.</p> <p>Carry out a visual check on the machine or tool before use. Check for loose plug connections or damage to the cable. Concrete saws and angle grinders must be treated as abrasive wheels.</p> <p>Only correctly maintained equipment may be used. Abrasive wheels equipment will be kept in suitable storage. No loose clothing to be worn when using abrasive wheels. The wheel guard must be secured in position and properly adjusted before the wheel is run.</p> <p>When mounting wheels or discs ensure that the maximum operating speed marked on the wheel must not be exceeded, as per covered in training.</p> <p>Do not carry out grinding on the side of straight-sided wheels.</p>	Line Manager Employees	2	5	10
Flying Particles	Eye, Facial injuries		3	5	15			2	5	10

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Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating before controls	CONTROL MEASURES Operative to remain in control of mobile abrasive wheel until it comes to a stop. Sparks generated to be kept clear of combustible/flammable material. Rags and waste must be kept clear of wheels. Operatives must be provided with and wear appropriate PPE equipment, eye-protection, hearing defenders, respiratory protection. All employees provided with Tool Box Talks and Training on both Abrasive Wheels and PPE.	Responsible Person	Likelihood	Severity	Risk Rating after controls
Loose Clothing	Tangled in disc causing physical injury	Employees Contractor	2	4	8		Line Manager	1	4	4
Noise	Hearing damage		3	4	12		Employees	1	4	4
Generation of Sparks	Fire and Explosion		3	4	12		Line Manager	1	4	4
Electricity	Electric Shock Burns.		3	4	12		Employees	2	4	8
Dust from certain types of materials	Eye injury and respiratory illness		3	5	15		Employees	2	5	10