

Form No: CRA031	Issue No: 1	 GENERAL RISK ASSESSMENT
Risk:	Date: 01/23	
Abrasive Wheels		

Company	Catena Inspection & Engineering Services Ltd			Location	Brookhill Road, Brookhill Industrial Est. Pinxton Nottinghamshire NG16 6NS		
Type of Assessment	Tick	Initial Assessment Date	Review Period (Months)	Planned Review Date	Assessed By		
Site Specific	✓	23/01/26	12	Refer to page 4	K Moss		
Generic		Name of Supervisor / Person Responsible				Assessment Reference	
Review		Kat Moss				CRA031	
Persons at Risk	Person(s) Undertaking Task			✓	Other Site Staff	✓	Public
Description of work activity being assessed		<i>Safe use and operation of Abrasive Wheels</i>					
Task / Hazard	1					Sev.	Lik.
Wheels Bursting						3	3
						Risk (No Controls)	
						Medium	
Ref.	Control Measures Required					<i>Are the following controls in place</i>	
a	Only authorised trained and competent personnel are to mount abrasive wheels					✓	
b	Ensure the wheel selected is appropriate to its application					✓	
c	Do not allow wheels to wear down excessively, avoid grinding on the sides of wheels, and refrain from stopping wheels by applying pressure to them					✓	
d	All new wheels must be run free for a minute with all other personnel standing clear					✓	
Residual Risk Assuming ALL controls in place						Low	
Task / Hazard	2					Sev.	Lik.
Electrocution						3	3
						Risk (No Controls)	
						High	
Ref.	Control Measures Required					<i>Are the following controls in place</i>	
a	All equipment must be fit for purpose and tested. Pre-use inspection should identify problems					✓	
b	After use, all equipment must be disconnected from their power source					✓	

Risk Selection Criteria

Severity Range	3 = Major	2 = Serious	1 = Slight
Likelihood	3 = High	2 = Medium	1 = Low

Risk Ratings

High	Medium	Low
9 - 7	6 - 4	3 - 1

Form No: CRA031	Issue No: 1	 GENERAL RISK ASSESSMENT
Risk:	Date: 01/23	
Abrasive Wheels		

Task / Hazard	3		Sev.	Lik.	R.R.	
Excessive Noise			3	3	9	
			Risk (No Controls)			
			Medium			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Ear protection must be worn during abrasive wheel operations				✓	
			Residual Risk Assuming ALL controls in place			Low
Task / Hazard	4		Sev.	Lik.	R.R.	
Contact with Rotating Abrasive Wheel			3	2	6	
			Risk (No Controls)			
			Medium			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Ensure correct guarding is secured in place at all times				✓	
b	Rests for pedestal grinders are to be properly secured and adjusted so that they are as close as is practicable to the wheel				✓	
c	Before changing an abrasive wheel, ensure the power source is isolated				✓	
			Residual Risk Assuming ALL controls in place			Low
Task / Hazard	5		Sev.	Lik.	R.R.	
Eye Injury from Flying Particles			3	2	6	
			Risk (No Controls)			
			Medium			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Face Shields must be worn at all times during abrasive wheel operations. Screen around the work area will prevent other personnel being affected				✓	
			Residual Risk Assuming ALL controls in place			Low
Task / Hazard	6		Sev.	Lik.	R.R.	
Inhalation of Dust			2	3	6	
			Risk (No Controls)			
			Medium			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Local Exhaust Ventilation water suppression and respiratory protection to be used				✓	
			Residual Risk Assuming ALL controls in place			Low

Risk Selection Criteria

Severity Range	3 = Major	2 = Serious	1 = Slight
Likelihood	3 = High	2 = Medium	1 = Low

Risk Ratings

High	Medium	Low
9 - 7	6 - 4	3 - 1

Form No: CRA031	Issue No: 1	 GENERAL RISK ASSESSMENT
Risk:	Date: 01/23	
Abrasive Wheels		

Task / Hazard	7		Sev.	Lik.	R.R.	
Vibration White Finger			2	3	6	
			Risk (No Controls)			
			Medium			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Abrasive Wheel Equipment is not to be used for prolonged periods				✓	
b	Regular breaks to be taken, and daily usage should not exceed manufacturer’s recommendation and keep hands warm				✓	
c	Report any problems immediately				✓	
Residual Risk Assuming ALL controls in place				Low		
Task / Hazard	8		Sev.	Lik.	R.R.	
Fire			3	3	9	
			Risk (No Controls)			
			High			
Ref.	Control Measures Required		Are the following controls in place		Yes	No
a	Relevant fire extinguishers must be in the immediate vicinity				✓	
b	The area must be cleared of combustible materials before commencing work and check for signs of ignition when finished				✓	
Residual Risk Assuming ALL controls in place				Low		

OVERALL RISK OF CARRYING OUT THIS TASK		
Highest Risk Before Controls in Place	Highest Residual Risk after controls	If the Residual risk after control measures are in place, is HIGH DO NOT UNDERTAKE THIS TASK
HIGH	LOW	

Ref	Action(s) Required	Can task continue		Date Actioned	Initial
		Yes	No		

Form No: CRA031	Issue No: 1	Catena GENERAL RISK ASSESSMENT
Risk: Abrasive Wheels	Date: 01/23	

PPE Requirement (Please ✓) Refer to PPE assessment for PPE Standards								
								
Hard Hat	Safety Glasses	RPE	Ear Defenders	Overalls	Hi Vis Vest	Gloves	Barrier creams	Foot Protection
	✓	If required	If required	✓		✓	✓	✓
								
Safety Harness	Safety Goggles							
	✓							

SIGN OFF					
Author			Catena Inspection & Engineering Services Ltd.		
Print Name	Signature	Date	Print Name	Signature	Date
K Moss	K Moss	23/01/26			

ASSESSMENT REVIEW					
Author			Catena Inspection & Engineering Services Ltd.		
Print Name	Signature	Date	Print Name	Signature	Date

BRIEFING RECORD					
<i>I confirm that I have read / I have had the contents of this risk assessment explained to me. I confirm that I agree to work to the requirements of this assessment, and I will use all control measures identified in this assessment. I will also raise any concerns to my line Manager / Supervisor if this risk assessment requires amending to suit any unforeseen circumstances.</i>					
Date	Print Name	Signature	Date	Print Name	Signature

Form No: CRA031	Issue No: 1	Catena GENERAL RISK ASSESSMENT
Risk: Abrasive Wheels	Date: 01/23	

SEVERITY RATINGS	
Slight (Marginal)	The hazard may either be controlled, or would commonly result in less than minor, illness, injury or system damage.
Serious (Moderate)	The hazard may commonly cause severe injury or illness or major system damage, requiring immediate corrective action.
Major (Critical)	The hazard may commonly cause death or major system loss, requiring immediate cessation of the unsafe activity or operation.

LIKELIHOOD RATINGS	
Low (Improbable)	Unlikely but possible to occur during standard operations
Medium (Occasional)	Likely to occur sometime during standard operations
High (Probable)	Likely to occur often during standard operations

Risk Selection Criteria

Severity Range	3 = Major	2 = Serious	1 = Slight
Likelihood	3 = High	2 = Medium	1 = Low

Risk Ratings

High	Medium	Low
9 -7	6 -4	3 -1