

USL General Risk Assessment



Company Name	Utility Services (NE) LTD									
Location	UK		Project Title		Safe Use of Abrasive Wheels.					
Risk Assessment No.	RA.002		Review Date		14.11.2022		Revision No.		003	
Person Supervising Work	Gang Foreman		Employer		Utility Services (NE) LTD					
Persons Exposed (tick box)	✓	Employees	✓	Other workers		Public/visitors	✓	Young Persons	Estimated total number of persons at risk	
		New/expectant mothers		Vulnerable Persons		Other				

Likelihood

Rating 1 = Very Unlikely
Rating 2 = Unlikely
Rating 3 = Likely
Rating 4 = Very Likely
Rating 5 = Almost Certain

Severity

Rating 1 = No Injury
Rating 2 = Minor injury or illness
Rating 3 = 7-day injury or illness
Rating 4 = Specified injury or illness
Rating 5 = Fatality, disabling injury, and so on

	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
	1	2	3	4	5	

Severity

Likelihood

Likelihood

Risk = Likelihood x Severity

Acceptable

Medium

High

Hazard(s)	1	2	3	4	5	6	7	8	9	
	Factors of Harm		Risk (Likelihood x Severity)	Control Measures	Factor of Harm		Residual Risk (Likelihood x Severity)	Control measures implemented by (name)	Low Risk	
	Likelihood (1-5)	Severity (1-5)			Likelihood (1-5)	Severity (1-5)			YES	NO
Inexperienced operative	3	4	12	Operatives must have successfully completed an abrasive wheels training course before operating abrasive wheel cutting equipment. Operatives must be trained to mount abrasive wheels. No abrasive wheel equipment to be operated by persons under the age of 18.	1	4	4	Gang Foreman	✓	

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Member of the public / third party employees	2	4	8	The working area must be suitably guarded. Additional guarding/protection must be used in order to prevent debris being ejected into public areas.	1	4	4	Gang Foreman	✓	
Hand Arm Vibration	3	3	9	Operatives advised not to grip the handles too tight Operatives must keep their hands and bodies warm i.e. wear gloves and suitable clothing to maintain the blood supply to hands and fingers. If possible, the equipment must not be used above waist height. Work breaks must be built into the working day whilst using the equipment i.e. job rotation between the gang members by periodically carrying out alternative work. Defective/worn equipment must not be used After using the equipment, the operatives must exercise their fingers (open and clench their fist) or massage their hands in order to restore the circulation to their hands/fingers Equipment must be inspected prior to use. Defective equipment must not be used.	1	3	3	Gang Foreman	✓	

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Hazard	1	2	3	4	5	6	7	8	9	
	Factors of Harm		Risk (Likelihood x Severity)	Control Measures	Factor of Harm		Residual Risk (Likelihood x Severity)	Control measures implemented by (name)	Acceptable Risk	
	Likelihood (1-5)	Severity (1-5)			Likelihood (1-5)	Severity (1-5)			YES	NO
Defective Equipment	3	3	9	The equipment must not be transported from site to site with the abrasive wheel in position.	1	3	3	Gang Foreman	✓	
Dust	2	3	6	If possible the cutting area must be kept wet. Operatives must wear suitable respirators.	1	3	3	Gang Foreman	✓	
Disc Fracture/Flying Particles	3	3	9	Operatives must wear impact grade goggles.	1	3	3	Gang Foreman	✓	
Noise	4	2	8	Operatives must wear suitable ear protection.	1	2	2	Gang Foreman	✓	
Unattended Equipment	2	3	6	The equipment must not be left unattended whilst working within public areas or areas used by third party employees.	1	3	3	Gang Foreman	✓	
Poor Working Area	2	2	4	Operatives must be able to stand on firm level ground whilst operating the equipment. The equipment must not be used in restricted or confined areas that could be injurious to the operator.	1	2	2	Gang Foreman	✓	

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	Name	Position	Signature	Date
Persons Conducting Assessment Person Authorising Assessment	Chris Alexander	HSEQ Director	<i>C. Alexander</i>	14.11.2022 REV- 14.11.2023
	Chris Youngman	Managing Director	<i>C. Youngman</i>	14.11.2022 REV- 14.11.2023

This risk assessment must be communicated to operatives before work commences. A spare briefing sheet should be used and be made available to the operatives for reference