

Risk Assessment

Activity to be Assessed		Assessment Number	
Use of a disc cutter		OD-01	
Persons undertaking or affected by the activity			
☒ Employees ☒ Tenant ☒ Public ☒ Visitor ☐ Contractor ☐ Other			
Identified Hazards and Associated Risks		Likelihood	Severity
1	Contact with revolving disc, Burns/Abrasions	3	4
2	Noise	3	3
3	Dust	3	3
4	Vibration	3	3
5	Exhaust fumes / Carbon Monoxide	3	4
6	Fire/Explosion	3	4
7	Disc / Blade failure	3	3
8	Slips, trips, falls	3	3
9	Ejected materials - eye injury	3	4
Existing Control Measures/Additional Control Measures Required			
1	- Only trained and competent personnel to use disc cutter - Select correct disc cutter for application (eg wheel size, petrol/110v) - Pre use checks of equipment, report any defects and do not use if faulty - Ensure guarding is fitted correctly - Do not use in restricted/confined workspace - Do not use equipment if tired- take regular/periodic breaks - Use correct type of PPE, ie Gloves, visor, hearing protection, overalls, safety boots - Keep members of the public and other employees away from area while in use		
2	- Limit exposure time to high noise emissions - Use suitable hearing protection - Do not expose others in the work area to prolonged noise		
3	- Use water suppression equipment connected to disc cutter to minimise dust at source - Use only in well ventilated area, where dust will be dissipated - Wear suitable RPE (Respiratory Protective Equipment) ie dust mask - Restrict cutting operations if high volume of dust is being generated - Protect the cutting area with suitable screens if necessary - Clean up heavy deposits of dust after cutting operation complete		
4	Limit exposure time to vibration – Refer to HAV Assessment relevant to disc cutter model to be used		
5	- Use petrol disc cutter only in well ventilated area - Do not use petrol disc cutter in any confined space		
6	- Refuelling to be carried out in safe location - Restrict amount of fuel being stored in work area, and keep locked when not in use - Do not operate disc cutter in vicinity of combustible materials eg wood, paper, fuel		
7	- Ensure correct type of disc blade is fitted for materials being cut and is fitted for correct direction of rotation - Carry out pre-use checks on disc cutter - Disc Cutter must be maintained regularly - Only trained operatives to change disc and use - Report any defects immediately		

8	- Maintain good housekeeping standards - Check surrounding work area for trip hazards before operating disc cutter							
9	- Use disc cutter with “spark discharge” away from operator - Wear correct type of eye and face protection (visor) for type of disc cutter and activity - Erect screens as necessary to contain ejected materials							
Reassessment of Activity Hazards		Likelihood	Severity	Risk Level				
1	Contact with revolving disc, Burns/Abrasions	2	4	8				
2	Noise	2	3	6				
3	Dust	2	3	6				
4	Vibration	2	3	6				
5	Exhaust fumes / Carbon Monoxide	2	4	8				
6	Fire/Explosion	2	4	8				
7	Disc / Blade failure	2	3	6				
8	Slips, trips, falls	2	3	6				
9	Eye injury	2	4	8				
Name: Kyle Position; Director		Signed:		Date of Completion: February 2018				
Review Date:	Likelihood	Severity	Likelihood of Injury					
Reviewed by:	1 very unlikely 2 unlikely 3 likely 4 very likely 5 certainty	1 nuisance 2 minor 3 medical treatment 4 major 5 fatal	5	5	10	15	20	25
Review Date :			4	4	8	12	16	20
Reviewed by:			3	3	6	9	12	15
Review Date :			2	2	4	6	8	10
Reviewed by:			1	1	2	3	4	5
Review Date :			0	1	2	3	4	5
Reviewed by:	Severity of Injury							
	Low Risk		Medium Risk		High Risk			