



E02-02-09 Environmental Risk Assessment – Hot Cutting

Depot Name & No.:	Gladstone S1
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Version:	1	Date	October 2020	Depot Manager:	
Activity:	Hot Cutting			SHE Specialist	Jonathan O'Neill
Next Review Due	October 2022			Reviewed By:	(print & sign)
Actual Review Date		Reason for Review	N/A First Issue	Manager Sign off:	(print & sign)

Source	Hazard	Receptor	Physical Control Measures in Place	Relevant EPP's	Likelihood	Severity	Risk Level	NEW Control Measures Required (Actions required responsibility and target dates).
Hot cutting oversized material	Risk of fugitive emissions	Atmosphere	<ol style="list-style-type: none"> Containers only accepted if accompanied with evidence of cleaning from a valid source. Burning area located away from sensitive receptors. Smoke and wind direction continually monitored by operatives and CCTV. With additional '2-hourly' checks completed by burning supervisor. If excessive smoke is generated with the potential to cause nuisance outside boundaries, operations will cease until appropriate controls are put in place to stop this. 	1.2	2	2	4	
	Risk of fire/dark smoke	Atmosphere and local community	<ol style="list-style-type: none"> Containers only accepted if accompanied with evidence of cleaning from a valid source. Water available in the area if needed. Fire extinguishers in burning area. Fire hydrant and fire engines available on-site. 	5.1, 5.3	2	3	6	

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Key

Likelihood (with existing controls)	Index	Severity	Index
Highly unlikely to occur	1	The hazard can result in no detrimental impact on the environment.	1
Unlikely to occur	2	The hazard can result in minor impact on the environment (e.g. nuisance impact requiring small clean up)	2
May occur in time	3	The hazard can result in significant impact on the environment (e.g. potentially harmful requiring clean up operation)	3
Highly Likely to occur in the near future	4	The hazard can result in major impact on the environment (e.g. potentially fatal to organisms requiring major clean up operation)	4
Will occur	5	The hazard can result in catastrophic impacts on the environment (e.g. death of majority of living organisms in surrounding area)	5

Risk Rating	Risk Level	Risk Level (Likelihood x Severity) – Action & Timescale
1-4	TRIVIAL	No further action is required.
5-14	TOLERABLE	Further controls may not be required. Consideration may be given to a more cost effective solution or improvement that imposes no additional cost burden. Monitoring is required to ensure that existing controls are maintained.
15+	SUBSTANTIAL	Work must not be authorised until the risk is reduced to at least a moderate level.

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