

Risk Assessment Report

Site: Example Site Company: The Technology Studio Risk assessment by: Mark Short

Task:		Example Task				
Report Identifier:		c62e241a				
Site:	Example Site (The Technology Studio)		Assessor:	Mark Short	Created Date:	15 May 2013
Hazard	Who might be harmed	How might they be harmed	Existing Controls	Risk Rating (L * S)	Further Controls/Actions	New Risk Rating
				L S R		L S R
ENV- Gases/Fumes/Vapours	Working Party	Land	<ul style="list-style-type: none">• Medium Risk - Ensure existing controls are maintained and monitored• Emission monitoring (e.g. CEMS)• Stack height• In stack heaters• Electrostatic precipitators• SO3 injection• Ventilation of work area• Venting of storage vessels• Incineration• Absorption• Condensers• Wet scrubbers• Dry scrubbers• BAT• Flame arresters	5 5 25	<ul style="list-style-type: none">• Emission monitoring (e.g. CEMS)• In stack heaters• Low nox burners• Ventilation of work area• Incineration• Adsorption• Filtration• Operating regime• Metering to check levels	2 5 10
Flying Object (ejected)	Working Party	Objects discharged by stored energy	<ul style="list-style-type: none">• Controlled release of stored energy• Plant washed down to control the build up of dust and debris• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)• PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)• Routine inspection and maintenance	4 3 12	<ul style="list-style-type: none">• PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)• PPE - Safety visor to be worn (Standard BS EN 166, 1B grade)• Robustness of guarding confirmed• Routine inspection and maintenance• Tolerable Risk - No further controls required	3 3 9
Chemical	Working Party	Absorption	<ul style="list-style-type: none">• Clean tools after use with COSHH assessed cleaning chemicals• PPE - Chemical resistant overalls to be worn (Standard BS EN 465)	4 5 20	<ul style="list-style-type: none">• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)• PPE - Respiratory protective equipment to be worn	4 2 8

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				L	S	R		L	S	R
ENV-Odour	Lone worker	Land	<ul style="list-style-type: none"> • Use of air fresheners • Tolerable Risk - No further controls required • Process/waste/materials/sewage causing odour monitored 	4	4	16	<ul style="list-style-type: none"> • Process/waste/materials/sewage causing odour investigated • Process/waste/materials/sewage causing odour monitored 	4	2	8
Electricity	Working Party	Exposure to damaged electrical apparatus	<ul style="list-style-type: none"> • Insulation of electrical supply • PPE - Electrical Gloves (standard EN 60903) • Use of insulated tools 	2	3	6		2	3	6
ENV-Gases/Fumes/Vapours	Working Party	Land	<ul style="list-style-type: none"> • Electrostatic precipitators • Flue gas desulphurisation 	5	1	5		5	1	5

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				L	S	R		L	S	R
ENV-Oil	Working Party	Water	<ul style="list-style-type: none">● Bunding of oil storage areas● Installation of interceptor pits● Maintenance of equipment● Spill kits located locally	4	5	20	<ul style="list-style-type: none">● Bunding of oil storage areas● Maintenance of equipment● Tolerable Risk - No further controls required	1	2	2
ENV-Fire	Working Party	Water	<ul style="list-style-type: none">● Site drains covered● Shut off valves	1	2	2		1	2	2
Flying Object (ejected)	Working Party	Ejected objects striking body	<ul style="list-style-type: none">● Emergency eye wash bottles to be carried● PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)	1	1	1		1	1	1
Key:	Likelihood 1 = Highly unlikely, 2 = Unlikely, 3 = Possible, 4 = Likely, 5 = Certain			Risk Rating = L X S (Likelihood X Severity)			Low = 1 to 4			
	Severity 1 = No injury, 2 = Minor injury, 3 = Medical treatment, 4 = Reportable, 5 = Major injury/Fatal						Medium = 5 to 11			
							High = 12 to 25			