

Risk Assessment Report

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

Task:		Example Task			
Report Identifier:		d626e3f2			
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Site:	Example Site (The Technology Studio)		Assessor:	Mark Short	Created Date:
Hazard	Who might be harmed	How might they be harmed	Existing Controls	Risk Rating (L * S)	New Risk Rating
				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
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
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

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-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)			<div></div> Low = 1 to 4			
	Severity 1 = No injury, 2 = Minor injury, 3 = Medical treatment, 4 = Reportable, 5 = Major injury/Fatal						<div></div> Medium = 5 to 11			
							<div></div> High = 12 to 25			