

Risk Assessment Report

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

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Task:		Example Task				
Report Identifier:		52ac3369				
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)		
				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
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
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

15 May 2013

New Risk Rating

L S R

Further Controls/Actions

2 5 10

- Emission monitoring (e.g. CEMS)
- In stack heaters
- Low nox burners
- Ventilation of work area
- Incineration
- Adsorption
- Filtration
- Operating regime
- Metering to check levels

3 3 9

- 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

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- PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)
- PPE - Respiratory protective equipment to be worn

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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 areasInstallation of interceptor pitsMaintenance of equipmentSpill kits located locally	4	5	20	<ul style="list-style-type: none">Bunding of oil storage areasMaintenance of equipmentTolerable Risk - No further controls required	1	2	2	
ENV-Fire	Working Party	Water	<ul style="list-style-type: none">Site drains coveredShut 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 carriedPPE - 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>Low = 1 to 4</div>				
	Severity 1 = No injury, 2 = Minor injury, 3 = Medical treatment, 4 = Reportable, 5 = Major injury/Fatal						<div>Medium = 5 to 11</div>				
							<div>High = 12 to 25</div>				