

# Risk Assessment Report

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

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Task:		Example Task				
Report Identifier:		d8b91fab				
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"> <li>• Medium Risk - Ensure existing controls are maintained and monitored</li> <li>• Emission monitoring (e.g. CEMS)</li> <li>• Stack height</li> <li>• In stack heaters</li> <li>• Electrostatic precipitators</li> <li>• SO3 injection</li> <li>• Ventilation of work area</li> <li>• Venting of storage vessels</li> <li>• Incineration</li> <li>• Adsorption</li> <li>• Filtration</li> <li>• Operating regime</li> <li>• Metering to check levels</li> </ul>	5	5	25
Flying Object (ejected)	Working Party	Objects discharged by stored energy	<ul style="list-style-type: none"> <li>• Controlled release of stored energy</li> <li>• Plant washed down to control the build up of dust and debris</li> <li>• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)</li> <li>• PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)</li> <li>• Routine inspection and maintenance</li> </ul>	4	3	12
Chemical	Working Party	Absorption	<ul style="list-style-type: none"> <li>• Clean tools after use with COSHH assessed cleaning chemicals</li> <li>• PPE - Chemical resistant overalls to be worn (Standard BS EN 465)</li> </ul>	4	5	20

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

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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-Oil	Working Party	Water	<ul style="list-style-type: none"><li>• Bunding of oil storage areas</li><li>• Installation of interceptor pits</li><li>• Maintenance of equipment</li><li>• Spill kits located locally</li></ul>	4	5	20	<ul style="list-style-type: none"><li>• Bunding of oil storage areas</li><li>• Maintenance of equipment</li><li>• Tolerable Risk - No further controls required</li></ul>	1	2	2
ENV-Fire	Working Party	Water	<ul style="list-style-type: none"><li>• Site drains covered</li><li>• Shut off valves</li></ul>	1	2	2		1	2	2
Flying Object (ejected)	Working Party	Ejected objects striking body	<ul style="list-style-type: none"><li>• Emergency eye wash bottles to be carried</li><li>• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)</li></ul>	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			