

# Risk Assessment Report

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

Task:		Example Task				
Report Identifier:		f3ded075				
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)		
				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>• Absorption</li> <li>• Condensers</li> <li>• Wet scrubbers</li> <li>• Dry scrubbers</li> <li>• BAT</li> <li>• Flame arresters</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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				L	S	R	Further Controls/Actions
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>
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	

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				L	S	R	L	S	R	
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	
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

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				L   S   R		L   S   R	
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		