

# Risk Assessment Report

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

Task:		Example Task				
Report Identifier:		0ac28096				
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>• 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

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
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>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>			