

# Risk Assessment Report

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

Task:		Example Task				
Report Identifier:		f73c9c33				
Page Number:		1/2				
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)	Further Controls/Actions	New Risk Rating
				L   S   R		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	<ul style="list-style-type: none"><li>• Emission monitoring (e.g. CEMS)</li><li>• In stack heaters</li><li>• Low nox burners</li><li>• Ventilation of work area</li><li>• Incineration</li><li>• Adsorption</li><li>• Filtration</li><li>• Operating regime</li><li>• Metering to check levels</li></ul>	2   5   10
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	<ul style="list-style-type: none"><li>• PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)</li><li>• PPE - Safety visor to be worn (Standard BS EN 166, 1B grade)</li><li>• Robustness of guarding confirmed</li><li>• Routine inspection and maintenance</li><li>• Tolerable Risk - No further controls required</li></ul>	3   3   9
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	<ul style="list-style-type: none"><li>• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)</li><li>• PPE - Respiratory protective equipment to be worn</li></ul>	4   2   8

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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		236
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>	122
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>	