Risk Assessment Report

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

Task:	Example Task
Report Identifier:	770cb25a

Site:	Example Site (The Technology Studio)		**Assessor:**	Mark Short	**Created Date:**	15 May 2013

				Risk Rating (L * S)				New Risk Rating		
Hazard	**Who might be harmed**	**How might they be harmed**	**Existing Controls**	L	S	R	**Further Controls/Actions**	L	S	R
ENV-Gases/Fumes/Vapours	Working Party	Land	• 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**	• Emission monitoring (e.g. CEMS) • In stack heaters • Low nox burners • Ventilation of work area • Incineration • Adsorption • Filtration • Operating regime • Metering to check levels	2	5	**10**
Flying Object (ejected)	Working Party	Objects discharged by stored energy	• 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**	• 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	3	3	**9**
Chemical	Working Party	Absorption	• Clean tools after use with COSHH assessed cleaning chemicals • PPE - Chemical resistant overalls to be worn (Standard BS EN 465)	4	5	**20**	• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade) • PPE - Respiratory protective equipment to be worn	4	2	**8**

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	• Use of air fresheners • Tolerable Risk - No further controls required • Process/waste/materials/sewage causing odour monitored	4	4	**16**	• 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	• 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	• Electrostatic precipitators • Flue gas desulphurisation	5	1	**5**		5	1	**5**

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	• Bunding of oil storage areas • Installation of interceptor pits • Maintenance of equipment • Spill kits located locally	4	5	**20**	• Bunding of oil storage areas • Maintenance of equipment • Tolerable Risk - No further controls required	1	2	**2**
ENV-Fire	Working Party	Water	• Site drains covered • Shut off valves	1	2	**2**		1	2	**2**
Flying Object (ejected)	Working Party	Ejected objects striking body	• Emergency eye wash bottles to be carried • PPE - 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)			Low = 1 to 4			
	Severity 1 = No injury, 2 = Minor injury, 3 = Medical treatment, 4 = Reportable, 5 = Major injury/Fatal						Medium = 5 to 11			
							High = 12 to 25			