Risk Assessment Report

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

| Example Task |
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| 9b10d2af |
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| Report Identifier: 9b10d2af | | 9b10d2af | | | | | | | | |
|-----------------------------|------------------------|-------------------------------------|--|---------------------------------|---|----|---|-------------------|------------|--|
| Site: | | (The Technology tudio) | Assessor: | Mark Short Risk Rating (L * S) | | | Created Date: | | May 013 | |
| Hazard | | How might they be harmed | Existing Controls | | | | | New Ris Rating | | |
| | Who might be harmed | | | 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 | | They he | | Risk Rating (L * S) | | | | | New Risk Rating | | |
|-----------------------------|------------------------|--|--|------------------------|---|----|--|---|--------------------|---|--|
| | Who might be harmed | | Existing Controls | L | S | R | Further Controls/Actions | 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 | | | k Ra (L * \$ | iting S) | | New Risk Rating | | | |
|-------------------------|---|---|---|---|-----------------|--------------|---|--------------------|---|---|--|
| | | | Existing Controls | L | S | R | Further Controls/Actions | LSF | 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 | | | | | Low = 1 to 4 | | | | | |
| | Severity 1 = No in injury/Fatal | Severity 1 = No injury, 2 = Minor injury, 3 = Medical treatment, 4 = Reportable, 5 = Major injury/Fatal | | Risk Rating = L X S (Likelihood X Severity) | | | Medium = 5 to 11 | | | | |
| | | | | | High = 12 to 25 | | High = 12 to 25 | | | | |

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