# Risk Assessment Report

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

| **Task:** | Example Task | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Report Identifier:** | 0215e43b | | | | | **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)** L | S | R | **Further Controls/Actions** | **New Risk Rating** L | S | R |
| ENV-Gases/Fumes/Vapours | Working Party | Land | • Medium Risk - Ensure existing controls are maintained and monitored<br>• Emission monitoring (e.g. CEMS)<br>• Stack height<br>• In stack heaters<br>• Electrostatic precipitators<br>• SO3 injection<br>• Ventilation of work area<br>• Venting of storage vessels<br>• Incineration<br>• Absorption<br>• Condensers<br>• Wet scrubbers<br>• Dry scrubbers<br>• BAT<br>• Flame arresters | 5 | 5 | **25** | • Emission monitoring (e.g. CEMS)<br>• In stack heaters<br>• Low nox burners<br>• Ventilation of work area<br>• Incineration<br>• Adsorption<br>• Filtration<br>• Operating regime<br>• Metering to check levels | 2 | 5 | **10** |
| Flying Object (ejected) | Working Party | Objects discharged by stored energy | • Controlled release of stored energy<br>• Plant washed down to control the build up of dust and debris<br>• PPE - Safety glasses to be worn (Standard BS EN 166, 1F grade)<br>• PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)<br>• Routine inspection and maintenance | 4 | 3 | **12** | • PPE - Safety goggles to be worn (Standard BS EN 166, 1B grade)<br>• PPE - Safety visor to be worn (Standard BS EN 166, 1B grade)<br>• Robustness of guarding confirmed<br>• Routine inspection and maintenance<br>• Tolerable Risk - No further controls required | 3 | 3 | **9** |
| Chemical | Working Party | Absorption | • Clean tools after use with COSHH assessed cleaning chemicals<br>• 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)<br>• PPE - Respiratory protective equipment to be worn | 4 | 2 | **8** |

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| Hazard | Who might be harmed | How might they be harmed | Existing Controls | Risk Rating (L * S) L | S | R | Further Controls/Actions | New Risk Rating L | S | R |
|---|---|---|---|---|---|---|---|---|---|---|
| Electricity | Working Party | Exposure to damaged electrical apparatus | • Insulation of electrical supply<br>• PPE - Electrical Gloves (standard EN 60903)<br>• Use of insulated tools | 2 | 3 | **6** | | 2 | 3 | **6** |
| ENV-Oil | Working Party | Water | • Bunding of oil storage areas<br>• Installation of interceptor pits<br>• Maintenance of equipment<br>• Spill kits located locally | 4 | 5 | **20** | • Bunding of oil storage areas<br>• Maintenance of equipment<br>• Tolerable Risk - No further controls required | 1 | 2 | **2** |

| 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 |