**SAMPLE RISK ASSESSMENT FORM**

**Project:**

**Completed by: Date:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HAZARDS** | **LIKELIHOOD** | **CONSQ** | | **RISK LEVEL** | | **ACCEPTABLE? IF NO, REQUIRED ACTIONS** | | | | |  | **LIKELIHOOD**  A – Almost Certain  Is expected to occur in most circumstances.  B – Likely  Will probably occur in most circumstances.  C – Possible  Might occur at some time.  D – Unlikely  Could occur at some time.  E – Rare  May occur only in exceptional circumstances.  **CONSEQUENCE**  1 – Insignificant  No injuries, no financial loss.  2 – Minor  First aid treatment, on site release immediately contained, medium financial loss $10K +  3 – Moderate  Medical treatment required, on site release contained without assistance, high financial loss. $100K +  4 – Major  Extensive injuries, loss of production capability, off site release with no detrimental effects, major financial loss. $500K  5 – Catastrophic  Death, toxic release off site with detrimental effects, huge financial loss.$ 1M +  **LIKELIHOOD**  A – Almost Certain  Is expected to occur in most circumstances.  B – Likely  Will probably occur in most circumstances.  C – Possible  Might occur at some time.  D – Unlikely  Could occur at some time.  E – Rare  May occur only in exceptional circumstances.  **CONSEQUENCE**  1 – Insignificant  No injuries, no financial loss.  2 – Minor  First aid treatment, on site release immediately contained, medium financial loss $10K +  3 – Moderate  Medical treatment required, on site release contained without assistance, high financial loss. $100K +  4 – Major  Extensive injuries, loss of production capability, off site release with no detrimental effects, major financial loss. $500K  5 – Catastrophic  Death, toxic release off site with detrimental effects, huge financial loss.$ 1M +  **LIKELIHOOD**  A – Almost Certain  Is expected to occur in most circumstances.  B – Likely  Will probably occur in most circumstances.  C – Possible  Might occur at some time.  D – Unlikely  Could occur at some time.  E – Rare  May occur only in exceptional circumstances.  **CONSEQUENCE**  1 – Insignificant  No injuries, no financial loss.  2 – Minor  First aid treatment, on site release immediately contained, medium financial loss $10K +  3 – Moderate  Medical treatment required, on site release contained without assistance, high financial loss. $100K +  4 – Major  Extensive injuries, loss of production capability, off site release with no detrimental effects, major financial loss. $500K  5 – Catastrophic  Death, toxic release off site with detrimental effects, huge financial loss.$ 1M + |
| **BIOLOGICAL** |  |  | |  | |  | | | | | |
| **Consider:** Bacteria and viruses; Clean amenities; Cooling towers; Body substances; Hygiene; Animal borne diseases; Sharps; Infectious substances; Allergies; Food  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **CHEMICALS** |  |  | |  | |  | | | | | |
| **Consider:** Hazardous Substances; Dangerous goods; Asbestos; Fire; Dust; Fumes; Suffocation; Carcinogens; Explosion; Passive smoking; Arson  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **ENERGY SYSTEMS** |  |  | |  | |  | | | | | |
| **Consider:** Electricity; LPG Gas; Gas/ Pressurised containers  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **ENVIRONMENT** |  |  | |  | |  | | | | | |
| **Consider:** Sun exposure; Water (creek, river, beach, dam); Sound/noise; Animals/ Insects; Storms/ Weather; Temperature (heat, cold)  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **FACILITIES/ BUILT ENVIRONMENT** |  |  | |  | |  | | | | | |
| **Consider:** Buildings and fixtures; Driveway/ Paths; Workshops / Work rooms; Playground equipment; Furniture; Swimming pool  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **MACHINERY AND EQUIPMENT** |  |  | |  | |  | | | | | |
| **Consider:** Machinery; Hand tools; Vehicles/ trailers  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **MANUAL TASKS/ ERGONOMICS** |  |  | |  | |  | | | | | |
| **Consider:** Manual tasks (repetitive, heavy); Working at heights; Restricted space  **Identified Hazards:** |  |  | |  | | **Y - N** | | | | | |
| **OTHER HAZARDS** |  |  | |  | |  | | | | | |
|  |  |  | |  | | **Y - N** | | | | | |
|  | | | **CONSEQUENCE** | | | | | | | **RISK LEVEL**  **EX:** extreme risk, immediate action required  **H:** high risk, immediate action as far as reasonably practical to eliminate risk.  **M:** moderate risk, action may be required as far as reasonably practical to eliminate risk.  **L:** low risk, may be regarded as acceptable risk and further controls may not be necessary. | | |
| **LIKELIHOOD** | | | Insignificant  1 | | Minor  2 | | Moderate  3 | Major  4 | Catastrophic  5 |
| A (Almost Certain) | | | M | | H | | H | EX | EX |
| B (Likely) | | | M | | M | | H | EX | EX |
| C (Possible) | | | L | | L | | M | H | EX |
| D (Unlikely) | | | L | | L | | L | M | H |
| E (Rare) | | | L | | L | | L | M | H |