|  |  |
| --- | --- |
|  | **University of Sheffield**  **Risk Assessment Form** |

Examples Potential Hazards:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fall of person (from work at height) |  | Lighting levels |  | Use of portable tools / equipment |  | Vehicles / driving at work |  | Hazardous fumes,  chemicals, dust |  | Occupational stress |
|  | Fall of objects |  | Heating & ventilation |  | Fixed machinery or lifting equipment |  | Outdoor work / extreme weather |  | Hazardous biological agent |  | Violence to staff / verbal assault |
|  | Slips, Trips & Housekeeping |  | Layout , storage, space, obstructions |  | Pressure vessels |  | Fieldtrips / field work |  | Confined space / asphyxiation risk |  | Work with animals |
|  | Manual handling operations |  | Welfare facilities |  | Noise or Vibration |  | Work with lasers |  | Condition of Buildings & glazing |  | Lone working / work out of hours |
| 1. **55** | Display screen equipment |  | Electrical Equipment |  | Fire hazards & flammable material |  | Radiation sources |  | Food preparation |  | Other Hazards specific to your work. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PERSONS AT RISK:** Employees ( ) Contractors ( ) Public ( )  Visitors ( ) Others ( ) | | | | **Reference number:** | | | | |
| **RISK (H) High (M) Medium (L) low (O) No Risk** | | | | **Environment** | | | | |
| **TASK or ACTIVITY:** | | | **INITIAL RISK LEVEL** |  | | |  | **FINAL RISK LEVEL** |
| **Significant Hazard** | **Potential Consequences of Hazard** | |  | **Existing Control Measures** | | | **Additional Control Measures (If Required)** |  |
| **Lone working** | **Electrical shot or other damages but no other people can resolve the problem** | | **L** | Nothing rather than computer work when lone;  F166, busier lab, more likely to be more people. | | |  | L |
| **Electrical shot/damage** | **Main electricity shock** | | **L** | No main level working, all low voltage < 12 volts DC, using a lab power supply. | | |  | L |
| **Display screen** | **Long working in front of a display reduces the eye sight** | | **L** | Break from computer every 50min  make chiar adjusted | | |  | L |
| **Using equipments** | **Inappropriately using equipment may demage** | | **L** | Ask technician for advice before use. | | |  | L |
| **Soldering** | **Fumes, burning** | | **M** | Using fan and mask for protection | | |  | M |
| **Battery** | **Overcharged, short-circuit** | | **H** | Setting timers for charging phase, using protection to keep from short-circuit | | |  | M |
|  | | | | | | | **Overall Risk:** | LOW |
| **Comments:** | | | | | | | | |
|  | | | | | | | | |
|  | | | | | | | | |
| **Additional References, Tasks Etc: year 3 BEng project, rebuild the system level architecture in a quadcopter** | | | | | | | | |
|  | | | | | | | | |
|  | | | | | | | | |
| **Undertaken By:** | | **Tai Li** | | |  | | | |
|  | |  | | | **Revision Date:** |  | | |
| **Other Persons Consulted:** | |  | | | **Revision Date:** |  | | |
|  | |  | | | **Revision Date:** |  | | |
| **Date:** | | **24th/Oct/2014** | | | **Revision Date:** |  | | |

Use the table given on the risk matrix to score your hazard or activity for the probability (‘L' ) likelihood harm will occur and the severity ('S') of the outcome.

