### Risk Assessment/Job Safety Analysis

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|  | **Independent Contractor****RISK ASSESSMENT****Job Safety Analysis (JSA)** | **Risk Assessment** **No.** |
| **CAMPUS:**  | **LOCATION ON CAMPUS:** | **CONTRACTOR:** |
| **DESCRIPTION OF JOB:** |
| ***Developed & reviewed by the following personnel:*** |
| **No** | **Name** | **Signature** | **Date** | **Position** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| **Reviewed by Learning Infrastructure Manager or representative:** |  |  | **DATE of original assessment: / / 20**  |

**THIS FORM MUST BE COMPLETED AND SUBMITTED BY CONTRACTOR**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Description of Job Step****What is the job step by step?** | **Potential Hazards****What are the hazards with each job step?** | **Risk Score** | **Hazard Controls Measures****What hazard control measures will be used?** | **Who is****Responsible?** |
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| **RISK ASSESSMENT MATRIX – A tool for assessing risk**  |
| **What would the OUTCOME of an occurrence be?** | **What is the LIKELIHOOD of an occurrence?** | **Hierarchy of Controls** |
| **Very Likely** | **Likely** | **Unlikely** | **Very Unlikely** | Can the hazard be **Eliminated** or removed? |
| **Death or permanent Disability/****Irreparable environmental harm** | **1** **(High)** | **1** **(High)** | **2** **(High)** | **3** **(Medium)** | Can the hazard be **substituted** for a less hazardous alternative? |
| **Serious injury or illness/****Significant environmental harm** | **1** **(High)** | **2** **(High)** | **3** **(Medium)** | **4** **(Medium)** | Can the hazard be **engineered** out with guards or barriers? |
| **Medical treatment/****Moderate environment damage** | **2** **(High)** | **3** **(Medium)** | **4** **(Medium)** | **5** **(Low)** | Can **administrative controls** be adopted i.e., procedures, training etc. |
| **First aid treatment/****Minor environmental impact** | **3** **(Medium)** | **4** **(Medium)** | **5** **(Low)** | **6** **(Low)** | Can **Personal Protective Equipment** be worn to safe guard against hazards? |

**GUIDELINE - HAZARD IDENTIFICATION CHECKLIST**

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|  ***Tick the boxes that best describes the level of RISK that any personnel may be exposed to: NOTE: Guide only other hazards may exist.*** |
| **Electric Shock/Lasers** | * **Low**
* **Med**
* **High**
 | **Traffic/ Vehicles** | * **Low**
* **Med**
* **High**
 | **Energy stored/****mech/elect/****pressure** | * **Low**
* **Med**
* **High**
 | **Flying/ ejected objects** | * **Low**
* **Med**
* **High**
 | **Radiation including solar/UV** | * **Low**
* **Med**
* **High**
 | **Weather/wind /Cold/Heat****Dehydration** | * **Low**
* **Med**
* **High**
 | **Excavating collapse****& or U.G. Services** | * **Low**
* **Med**
* **High**
 |
| **Hazardous Chemicals** | * **Low**
* **Med**
* **High**
 | **Risk of Falls** | * **Low**
* **Med**
* **High**
 | **Access & Egress** | * **Low**
* **Med**
* **High**
 | **Biological** | * **Low**
* **Med**
* **High**
 | **Rotating Equipment** | * **Low**
* **Med**
* **High**
 | **Work near or over water** | * **Low**
* **Med**
* **High**
 | **Engulfment / Fire -explosion** | * **Low**
* **Med**
* **High**
 |
| **Tools powered/non powered** | * **Low**
* **Med**
* **High**
 | **Hot work** | * **Low**
* **Med**
* **High**
 | **Confined Spaces** | * **Low**
* **Med**
* **High**
 | **Dust or Asbestos** | * **Low**
* **Med**
* **High**
 | **Moving Equipment** | * **Low**
* **Med**
* **High**
 | **Hot / Cold Objects /Surfaces** | * **Low**
* **Med**
* **High**
 | **Lack of****lighting** | * **Low**
* **Med**
* **High**
 |
| **Environment/Waste Disposal** | * **Low**
* **Med**
* **High**
 | **Gas/fumes High/Low****O2** | * **Low**
* **Med**
* **High**
 | **Noise or Vibration** | * **Low**
* **Med**
* **High**
 | **Slip / Trip/****Fall** | * **Low**
* **Med**
* **High**
 | **Lifting Equipment/ Cranes/Loads** | * **Low**
* **Med**
* **High**
 | **Overhead hazards/Falling objects** | * **Low**
* **Med**
* **High**
 | **Hazardous Manual Tasks** | * **Low**
* **Med**
* **High**
 |
|  ***P.P.E Requirements***(Examples only)   | ***Plant, Equipment & Tools for Job***(Examples only) | ***Isolation, Tagging,******Barricades & Signs*** (Example’s only) | ***Further Information Req.***(Examples only) |
| **Safety Harness** |  | **Self-Contained Breathing Apparatus** |  | **Step Ladder** |  | **Drop saw &****Genset** |  | **Men Working Above** |  | **MSDS’s** |  |
| **Static Line** |  | **Airline** |  | **Hand Tools** |  | **Excavator** |  | **Electrical Isolation Tags** |  | **Instruction Manuals** |  |
| **Steel Capped Boots / Gumboots** |  | **Air Purifying Respirator** |  | **Shovel** |  | **Winch** |  | **Barricade Tape** |  | **Procedures** |  |
| **Hard Hat** |  | **Confined Space Safety Harness** |  | **Welding Machine** |  | **Extension Leads** |  | **Flagging** |  | **Work Instructions** |  |
| **Safety Glasses** |  | **Safety Gloves - PVC** |  | **Compactor** |  | **Backhoe** |  | **Bunting** |  | **External Services E.g., Crane Hire** |  |
| **Clear Safety Glasses** |  | **Safety Gloves - Nitrile** |  | **Drill** |  | **Power Source** |  | **Confined Space Entry** |  | **Manual Handling Instructions** |  |
| **Face Shield** |  | **Safety Gloves - Neoprene** |  | **Grinder** |  | **Cable Sock** |  | **Spill Kit** |  | **Hot Work Permit** |  |
| **Hearing Protection** |  | **Leather gloves** |  | **Scaffold** |  | **Crane** |  | **Bunding/Containment** |  | **Cold Work Permit** |  |
| **Sun Screen** |  | **Goggles** |  | **Fire****Extinguisher** |  |  **EWP** |  | **Erosion & Sediment Control** |  | **Excavation Permit** |  |
|  |  |  |  | **Fire Blanket** |  | **Fans** |  |  |  | **Safety Entry Permit** |  |
|  |  |  |  | **Welding Blanket** |  | **Inert Gas** |  |  |  | **Man Box Permit** |  |