|  |  |
| --- | --- |
| **Assessment Completed by:** | **Date:** |
| **Location where work will occur: Bldg Room** | **Contact No.** |

**Description of Task and Referenced Documentation**

Research/Teaching/Maintenance □Routine Task Services : □Water□Power □Gas: N2/……… □Temp …..oC □Pressure……

## Current Controls for Risk Minimisation Laboratory coat and enclosed footwear are mandatory

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Volume: Small / Medium / Large** | | | | |
| **Flammable** | **Toxicity/Corrosive** | **Body Exposure** | **Reactivity** | **Health** |
| □ Use fume cupboard | □ Use fume cupboard | □ Safety Glasses | □ Dry atmosphere | □ Use Biosafety/LAF cabinet |
| □ Remove ignition sources | □ Placard to indicate risk score (High 🡪 extreme) | □ Gloves Required  Type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Inert atmosphere | □ Operator awareness |
| □ Temperature of reaction controlled at oC | □ Respirator Required Type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | √ Laboratory Coat  √ Enclosed footwear | □ Blast Shield | □ Monitoring Required  □ Stop if allergic reaction develops |
| □ Inert atmosphere using  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Antidote Available/Req’d  Location\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Face shield  □ Eye Wash | Reactivity destroyed / neutralised by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Avoid if pregnancy known or suspected. |
| □ Static discharge protection | □ Toxic/Poison in locked storage | □ Safety Shower | Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Hazard Identification - Chemicals *List reactants & products, select applicable Hazards; rate risk with controls in place***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazardous Chemical**  **Reactant/ Products** | ***Quantity*** | **Flammable** | **Toxic/Poison** | **Corrosive** | **Harmful** | **Irritant** | **Oxidising** | **Carcinogen** |  | **Additional Controls** | **Risk: *Low Medium High*** |
| 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |  |

**Hazard Identification - Equipment & Experiment Design**

|  |  |  |
| --- | --- | --- |
| **Hazard** | **Additional Controls**  **(rate risk with these controls in place)** | **Risk:**  ***L M H*** |
| 7 |  |  |
| 8 |  |  |

**Further Risk Control Measures  *For each control, specify hazard number if risk score medium, high or extreme***

|  |  |
| --- | --- |
| □ Disposal of hazardous waste using Hazardous Waste Store (Bldg 15) – segregated by DG class and compatibility □ Using GMOs under Exempt Dealings  Refer to the [Working With Hazardous Chemicals & Dangerous Goods Guidelines](http://staff.uow.edu.au/ohs/workingsafely/hazardoussubs/index.html#UOWDOC) (Hierarchy of controls - Section 5.7 of [Risk Management guidelines](http://staff.uow.edu.au/ohs/managingrisk/riskmanagementprinciples/)) | |
| **Risk Score and Approval** | |
| □ Significant Risk but adequate controls in place (ie. low/medium)  NB: If you cannot tick this box and the risk is UNCONTROLLED or UNKNOWN,  further ASSESSMENT is required and the experiment should NOT proceed.  **Experiment Approved:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_  Supervisor Signature  **Complete for Laboratory Hard Copy ONLY**  To be completed after uploading document to a risk assessment on SafetyNet  **Risk Assessment SafetyNet Reference: UOW\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  Date approved on SafetyNet \_\_\_\_\_/\_\_\_\_\_/\_\_­\_\_\_\_\_  **High Risk (H)** – Approvers: supervisor and Head of School (SafetyNet RA) | *What are the consequences if an incident occurred?*  *What is the likelihood the consequence will happen with controls in place?*   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**RISK MATRIX**](http://staff.uow.edu.au/ohs/managingrisk/riskmanagementprinciples/index.html#3) | | **CONSEQUENCES** | | | | | **Minor**  Injury Report No treatment | **Moderate**  First aid treatment | **Major**  Medical treatment | **Severe**  Death or  extensive injuries | | **LIKELIHOOD** | **Almost Certain** | **M** | **M** | **H** | **H** | | **Likely** | **L** | **M** | **H** | **H** | | **Possible** | **L** | **L** | **M** | **H** | | **Unlikely** | **L** | **L** | **M** | **M** | |