|  |  |
| --- | --- |
| **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 RequiredType \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Inert atmosphere | □ Operator awareness |
| □ Temperature of reaction controlled at oC | □ Respirator RequiredType \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | √ Laboratory Coat √ Enclosed footwear | □ Blast Shield | □ Monitoring Required□ Stop if allergic reaction develops |
| □ Inert atmosphere using\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ Antidote Available/Req’dLocation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | □ 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 DealingsRefer 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** |

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