

## WHS DESIGN RISK REGISTER

**Project Name:**

**Consultant:**

**Qualifications, skills, experience (refer clause 5.4):**

**I am suitably qualified and experience preparing this risk assessment for this project and in the design of building and structures as indicated above.**

**Name:**

**Signature:**

**Date:**

| <b>Hazard Identified</b>   | <b>Risk Level</b> | <b>Risk Controls</b> |
|--|-------------------|----------------------|
| <b>Construction Site Design</b>  |                   |                      |
| Risk associated with the construction site considering safe logistics for pedestrian and traffic movement for life of the project.                           | Choose an item.   |                      |
| <b>Access and Egress</b>   |                   |                      |
| Risks associated with building access. For example egress in and out of the building as required by the BCA.   | Choose an item.   |                      |
| <b>Architectural</b>   |                   |                      |
| Risks associated with the architectural design of the building including BCA requirements For example safe access for maintenance and safe ergonomic design. | Choose an item.   |                      |
| <b>Confined Space</b>  |                   |                      |
| Risks relating to work in enclosed spaces. For example access to and maintenance in rainwater harvesting tanks.  | Choose an item.   |                      |

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| <b>Dangerous Goods and Hazardous Chemicals</b>  |                 |  |
| Risks relating to the storage and handling or dangerous goods and hazardous chemicals by building users.                      | Choose an item. |  |
| <b>Demolition</b>   |                 |  |
| Risks relating to demolition works. For example site boundaries and logistics for site demolition of building and structures. | Choose an item. |  |
| <b>Drainage and Flooding</b>  |                 |  |
| Risks relating to drainage and flooding for general building use and access to these systems for maintenance purposes.        | Choose an item. |  |
| <b>Electrical Maintenance Access</b>  |                 |  |
| Risks relating to access to electrical services for maintenance purposes.   | Choose an item. |  |

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| <b>Environmental Management</b>   |                 |  |
| Risks relating to the management of environmental impacts resulting from the ongoing operation of the building. For example air emissions, liquid discharges and disposal of waste. | Choose an item. |  |
| <b>Fire</b>   |                 |  |
| Risks relating to fire and access to wet or dry fire systems for maintenance work.  | Choose an item. |  |
| <b>Hydraulic Design</b>   |                 |  |
| Risks relating to the design of hydraulic operated plant and equipment including access for maintenance work.   | Choose an item. |  |
| <b>Laboratory Layout</b>  |                 |  |
| Risks relating to the use of lab spaces including access for maintenance work.  | Choose an item. |  |

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| <b>Landscape</b>   |                 |  |
| Risks relating to landscape design including access for maintenance work.  | Choose an item. |  |
| <b>Lift</b>  |                 |  |
| Risks relating to the design of lift plant including access for maintenance.   | Choose an item. |  |
| <b>Working at Heights</b>  |                 |  |
| Risks relating to the design of roof including access for maintenance.   | Choose an item. |  |
| <b>Lighting</b>  |                 |  |
| Risks relating to lighting for the finished building including maintenance access. For example designing light fittings to be safely accessible for maintenance. | Choose an item. |  |

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| <b>Mechanical Ventilation</b>  |                 |  |
| Risks relating to air and ventilation systems including maintenance access.  | Choose an item. |  |
| <b>Movement of Materials, Plant and Vehicles</b>   |                 |  |
| Risks related to the movement of plant and materials, and the space required for their safe movement.  | Choose an item. |  |
| <b>Noise</b>   |                 |  |
| Risks relating to acoustics and excessive noise.   | Choose an item. |  |
| <b>Structural</b>  |                 |  |
| Risks relating to structural aspects of design including the effect strength and stability from permanent and temporary loads borne by the structure itself. | Choose an item. |  |

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| <b>Pedestrian &amp; Traffic Management</b>   |                 |  |
| Risks associated with the movement of pedestrian & traffic in and out of a building.   | Choose an item. |  |
| <b>Waste Management</b>  |                 |  |
| Risks associated with the build up of waste including storage, disposal and removal of waste by the University and external parties. | Choose an item. |  |
| <b>Other</b>   |                 |  |
| Identify any other risk that has not been captured above.  | Choose an item. |  |