**HAZARD IDENTIFICATION TABLE**

**When undertaking risk assessments, legislation, Codes of Practice and Australian Standards should be referenced to assist with determining appropriate measures for controlling risk. References provided in the table is not an exhaustive list. Access Australian and International Standards via the** Griffith University licence**.**

**Reference should also be made to:**

* **How** to Manage Work Health and Safety Risks Code of Practice **2011**
* Work Health and Safety Consultation, Co-operation and Co-ordination Code of Practice 2011
* **AS 1470-1986 Health and Safety at Work – Principles and practices**
* **Manufacturers or operators instructions,** Information and advice from relevant Industry bodies
* **Safety Data Sheets**
* **Hazard alerts, incident reports, first aid register, workers’ compensation records, maintenance records**
* **Griffith University Health, Safety and Wellbeing Website, Procedures and Guidelines**

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| --- | --- | --- | --- |
| **Risk Factor** | **Describe** | **Consider** | **References that may assist**  |
| **Biological** | Animal e.g. insects/rodentsHuman body partsMicro-organisms e.g. prion/bacteria/virus/call culturePlant MaterialTissue/Fluids e.g. human/plantAny other biological hazards? | *Environmental exposure/unintentional release**Equipment and Processes used**Health Effects and Exposure Routes**Legislative requirements & approval conditions**Level of Physical Containment Facilities**Other Containment requirements**Storage, Labelling and Handling**Transport and Disposal* | *AS 18941997 - The storage and handling of non-flammable cryogenic and refrigerated liquids**AS/NZS 2243 (Series) Safety in laboratories**AS 2252 (Series) Biological safety cabinets**AS 3745:2010 - Planning for emergencies in facilities**AS 4775:2007 - Emergency eyewash and shower equipment* |
| **Chemical** | Dangerous Goods (attach current SDS/EPG)Drugs & Poisons (attach current SDS)Hazardous Chemicals (attach current SDS)Hazardous Substances (attach current SDS)Nanoparticles Prohibited and Restricted CarcinogensAny other chemical hazards? | *Duration of Exposure* *“Health (Drugs and Poisons) Regulation”**Health Effects and Exposure routes* *Labelling**Storage and Handling* *Transport and Disposal**Use**“Work Health & Safety Regulation Chapter 7”* | Labelling of Workplace Hazardous Chemicals COP 2011Managing Risks of Hazardous Chemicals in the Workplace COP 2013National COP for Chemicals of Security Concern 2016*AS 1940:2017 - The storage and handling of flammable and combustible liquids**AS/NZS 2243 (Series) Safety in laboratories**AS 3745:2010 - Planning for emergencies in facilities**AS 3780:2008 - The storage and handling of corrosive substances**AS 4775:2007 - Emergency eyewash and shower equipment* |
| **Energy** | ElectricalLaserNoiseRadiation VibrationAny other energy hazards? | *Equipment**Experience**Exposure Routes**Hazardous Materials* *“Radiation Safety Act” prescriptions* | Managing Noise and Preventing Hearing Loss at Work COP 2011Electrical Safety COP 2013 – Managing Electrical Risks in the Workplace*AS/NZS 2243 (Series) Safety in laboratories* *AS/NZS 1269 (Series) Occupational noise management**ISO 2919:2012 - Radiological protection – Sealed radioactive sources – General requirements and classification**ISO 3925:2014 - Unsealed radioactive substances – Identification and documentation*  |
| **Manual Tasks** | ForceNature of LoadPostureRepetitionWeightAny other manual task hazards? | *Actions/Processes**Distance**Duration**Environment**Quantity**Tools/equipment/manual aids* | Hazardous Manual Tasks COP 2011Manual tasks involving the handling of people COP 2001 |
| **Risk Factor** | **Describe** | **Consider** | **References that may assist**  |
| **People** | Client interactionsPsycho-socialTravelling/journeyWorking alone/lateWorking from homeAny other people hazards? | *Expectations and Workloads**Experience**Harassment**Nature of work**Personal issues**Physical environment**Security**Supervision and Training provided**Other stress factors* | Guide for preventing and responding to workplace bullying: 2016Dealing with workplace bullying – a worker’s guide: 2016 |
| **Physical** | Confined/enclosed spacesConstruction workEnvironmental conditionsEvacuation Field workFirst AidObjectsSlip, trip, fall Work area designWorking at heightsAny other physical hazards? | *Communication**Environment including Weather**Equipment**Experience* *Hazardous Materials**Location**Medical factors of people**Processes/Work tasks**Training provided**Transport* | Managing the Work Environment and Facilities COP 2011Managing the Risk of Falls at Workplaces COP 2018Confined Spaces COP 2016[AS/NZS 1891 (Series) - Industrial fall-arrest systems and devices](https://www-saiglobal-com.libraryproxy.griffith.edu.au/online/Script/Details.asp?DocN=AS062498116670)Safe Design of Structures COP 2013First Aid in the Workplace COP 2013Occupational Diving Work COP 2005Recreational Diving, Recreational Technical Diving and Snorkelling COP 2018*AS 2865:2009 - Confined spaces**AS/NZS 2299 (Series) Occupational diving operations*  |
| **Plant** | CrushingCutting, stabbing, puncturingEntanglementEquipment/tools – powered/non-powered ErgonomicsExplosionFrictionHigh pressure fluidImpactSuffocationTemperature extremesAny other plant hazards? | *Access**Compliance with relevant Australian Standards**Fit for purpose**Guarding**Noise**Training**Type* *Working alone**Working conditions* | Managing Noise and Preventing Hearing Loss at Work COP 2011Managing Risks of Plant in the Workplace COP 2013Spray painting and Powder Coating Code of Practice 2013Welding Processes COP 2013[*AS/NZS 1418.10:2011 - Cranes, hoists and winches - Mobile elevating work platforms*](https://www-saiglobal-com.libraryproxy.griffith.edu.au/online/Script/Details.asp?DocN=AS0733798603AT)*AS 1473:1991 - Guarding and safe use of woodworking machinery**AS 1893:1977 - The guarding and safe use of metal and paper cutting guillotines**AS 4024 (Series) Safety of machinery**AS 4839:2001 - The safe use of portable and mobile oxy-fuel gas systems for welding, cutting, heating & allied processes**AS/NZS 1269 (Series) Occupational noise management* |
| **Psychosocial** | Autonomy/job controlChange managementJob demands/workloadOrganisational justiceRecognition/career developmentRelationshipsRole conflict/ambiguitySupport | *Environment, i.e. noise, air quality, exposure to heat/cold**Individual factors, i.e. personal resilience, experiences, family issues**Organisational issues* | Guide for preventing and responding to workplace bullying: 2016Dealing with workplace bullying – a worker’s guide: 2016 |