The following are Australian Standards that are commonly used to evaluate potential purchases for their compliance with health and safety requirements. Use in conjunction with the Purchasing – health & safety requirements procedure.

1. LABORATORY SAFETY

AS/NZS 2243 (Series): Safety in laboratories
AS 2252 (Series): Biological safety cabinets
AS 2406: Laboratory glassware – Glass condensers with interchangeable ground glass joints
AS 2567: Laminar flow cytotoxic drug safety cabinets
AS 2639: Laminar flow cytotoxic drug safety cabinets - Installation and use
AS/NZS 2647: Biological safety cabinets – Installation and Use
AS/NZS 2982: Laboratory design and construction – General requirements
AS/NZS 3825: Procedures and devices for the removal and disposal of scalpel blades from scalpel handles
AS 4031: Non-reusable containers for the collection of sharp medical items used in health care areas
AS/NZS 4261: Reusable containers for the collection of sharp items used in human and animal medical applications
AS 4775: Emergency eyewash and shower equipment
AS 61010 (Series): Safety requirements for electrical equipment for measurement, control and laboratory use

2. WELDING AND GAS SAFETY

AS 1674 (Series): Safety in welding and allied processes
AS/NZS 2554: Hose and hose assemblies for air
AS 4267: Pressure regulators for use with industrial compressed gas cylinders
AS 4289: Oxygen and acetylene gas reticulation systems
AS 4603: Flashback arresters – Safety devices for use with fuel gases and oxygen or compressed air
AS 4706: Pressure gauges for regulators used with compressed gas cylinders
AS 4839: The safe use of portable and mobile oxy-fuel gas systems for welding, cutting, heating and allied processes
AS 4840: Low pressure regulators for use in industrial compressed gas reticulation systems

3. PERSONAL PROTECTIVE EQUIPMENT

3.1 Hearing protection
AS/NZS 1270: Acoustics – Hearing protectors

3.2 Eye protection
AS/NZS 1067.1: Sunglasses and fashion spectacles – Requirements
AS/NZS 1337.1 to 2 (Series): Personal eye-protection
AS/NZS 1337.4 to 5 (Series): Eye and face protection
AS/NZS 1337.6: Personal eye-protection – Prescription eye protectors against low and medium impact
AS/NZS 1338 (Series): Filters for eye protectors

3.3 Head protection
AS/NZS 1800: Occupational protective helmets – Selection, care and use
3.4 **Respiratory protection**

AS/NZS 1715: Selection use and maintenance of respiratory protection devices  
AS/NZS 1716: Respiratory protective devices  
AS 4381: Single-use masks for use in health care

3.5 **Hand protection**

AS/NZS 2161 (Series): Occupational protective gloves  
AS/NZS 4011 (Series): Single-use medical examination gloves  
AS/NZS 4179: Single-use sterile surgical rubber gloves – Specification

3.6 **Feet protection**

AS/NZS 2210 (Series): Occupational protective footwear  
ISO 17249: Safety footwear with resistance to chain saw cutting

3.7 **Clothing**

AS/NZS ISO 2801: Clothing for protection against heat and flame – General recommendations for selection, care and use of protective clothing  
AS/NZS 4399: Sun protective clothing – Evaluation and classification  
AS/NZS 4501 (Series): Occupational protective clothing  
AS/NZS ISO 6529: Protective clothing – Protection against chemicals – Determination of resistance of protective clothing materials to permeation by liquids and gases

3.8 **Fall arrest protection**

AS/NZS 1891 (Series): Industrial fall-arrest systems and devices

3.9 **Other personal protective equipment**

AS/NZS 2604: Sunscreen products – Evaluation and classification  
AS 4758 (Series): Personal floatation devices  
AS/NZS 4280.2: 406 MHz satellite distress beacons – Personal locator beacons (PLBs)

4. **PLANT, TOOLS AND EQUIPMENT**

6.1 **Portable and hand-held**

AS 2726 (Series): Chainsaws – Safety requirements  
AS/NZS 3160: Approval and test specification – Hand-held portable electrical tools  
AS/NZS 3576: Clearing saws, brushcutters and grass trimmers – Guide to safe working practices  
AS/NZS 60745 (Series): Hand-held motor-operated electric tools

6.2 **Plant**

AS 1473: Guarding and safe use of woodworking machinery  
AS 1473 (Series): Wood processing machinery  
AS/NZS 4024 (Series): Safeguarding of machinery  
AS/NZS 4173: Guide to safe use of lasers in health care  
AS/NZS ISO 11553: Safety of machinery – Laser processing machines – Safety requirements  
AS/NZS IEC 60825 (Series): Safety of laser products
6.3 Access and heights

AS 1657: Fixed Platforms, walkways, stairways and ladders – Design, construction and installation
AS/NZS 1576 (Series): Scaffolding
AS/NZS 1892 (Series): Portable ladders
AS/NZS 4576: Guidelines for scaffolding

6.4 Pressure vessels

AS/NZS 1200: Pressure equipment
AS 1210: Pressure vessels
AS 1228: Pressure equipment – Boilers
AS 2593: Boilers – Safety management and supervision systems
AS 3873: Pressure equipment – Operation and maintenance

6.5 Farming

AS 1187: Farm milk cooling and storage systems
AS/NZS 2153 (Series): Tractors and machinery for agriculture and forestry

5. CHEMICAL STORAGE AND TRANSPORT

AS/NZS 1596: The storage and handling of LPG gas
AS 1692: Steel tanks for flammable and combustible liquids
AS 1894: The storage and handling of non-flammable cryogenic and refrigerated liquids
AS 1940: The storage and handling of flammable and combustible liquids
AS/NZS 2022: Anhydrous ammonia – Storage and handling
AS 2187 (Series): Explosives – Storage, transport and use
AS 2507: The storage and handling of agricultural and veterinary chemicals
AS 2714: The storage and handling of hazardous chemical materials – Class 5.2 substances (organic peroxides)
AS/NZS 2927: The storage and handling of liquefied chlorine gas
AS 3780: The storage and handling of toxic substances
AS/NZS 3833: The storage and handling of mixed classes of dangerous goods in packages and intermediate bulk containers
AS 3961: Liquefied natural gas – Storage and handling
AS/NZS 4081: The storage and handling of liquid and liquefied polyfunctional isocyanates
AS 4326: The storage and handling of oxidizing agents
AS 4332: The storage and handling of gases in cylinders
AS/NZS 4452: The storage and handling of toxic substances
AS/NZS 4681: The storage and handling of Class 9 (miscellaneous) dangerous goods and articles
AS/NZS 5026: The storage and handling of class 4 dangerous goods

6. OFFICE FURNITURE AND WORKSTATIONS

AFRDI Design Standards
AS/NZS 3813: Plastic monobloc chairs – Determination of strength and durability, stability, UV and weathering, and ignitability
AS/NZS 4438: Height adjustable swivel chairs
AS/NZS 4442: Office desks
AS/NZS 4443: Office panel systems – Workstations
AS/NZS 4610 (Series): Furniture – School and educational
AS/NZS 4688 (Series): Furniture – Fixed height chairs
7. ELECTRICAL SAFETY

- **AS/NZS 3000**: Electrical installations (known as the Australian/New Zealand Wiring Rules)
- **AS/NZS 3100**: Approval and test specification – General requirements for electrical equipment
- **AS/NZS 3120**: Approval and test specification – Cord extension sockets
- **AS/NZS 3200 (Series)**: Medical equipment safety
- **AS/NZS 3350 (Series)**: Safety of household and similar electrical appliances
- **AS/NZS 3760**: In-service safety inspection and testing of electrical equipment
- **AS/NZS 3820**: Essential safety requirements for low voltage electrical equipment
- **AS/NZS 4513**: Medical electrical equipment – Fundamental aspects of safety Standards
- **AS/NZS 60065**: Audio, video and similar electronic apparatus – Safety requirements
- **AS/NZS 60335 (Series)**: Household and similar electrical appliances - Safety
- **AS/NZS 60950.1**: Information technology equipment – Safety – General requirements
- **AS/NZS 61558.1**: Safety of power transformers, power supply units and similar devices – General requirements and test (IEC 61558-1 Ed 2)
- **AS/NZS 61558 (Series)**: Safety of power transformers, power supply units and similar products

8. GENERAL

- **AS 1319**: Safety signs for the occupational environment
- **AS 2550 (Series)**: Cranes, hoists and winches – Safe use
- **AS 2675**: Portable first aid kits for use by consumers
- **AS 4142 (Series)**: Fibre ropes – Care and safe usage
- **AS/NZS 4345**: Motor vehicles – Cargo restraint systems – Transport fibre rope
- **AS/NZS 4488**: Industrial rope access systems