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

<table>
<thead>
<tr>
<th>Australian Standard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS/NZS 2243 (Series)</td>
<td>Safety in laboratories</td>
</tr>
<tr>
<td>AS 2252.1</td>
<td>Biological safety cabinets (Class I) for personal and environmental protection</td>
</tr>
<tr>
<td>AS 2252.2</td>
<td>Controlled environments - Biological safety cabinets Class II - Design</td>
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<tr>
<td>AS 2252.3</td>
<td>Controlled environments - Biological safety cabinets Class III – Design</td>
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<tr>
<td>AS 2252.4</td>
<td>Controlled environments - Biological safety cabinets Classes I and II - Installation and use (BS 5726:2005, MOD)</td>
</tr>
<tr>
<td>AS 2252.5</td>
<td>Controlled environments - Cytotoxic drug safety cabinets (CDSC) - Design, construction, installation, testing and use</td>
</tr>
<tr>
<td>AS 2252.6</td>
<td>Controlled environments - Clean workstations - Design, installation and use</td>
</tr>
<tr>
<td>AS/NZS 2982</td>
<td>Laboratory design and construction – General requirements</td>
</tr>
<tr>
<td>AS/NZS 3825</td>
<td>Procedures and devices for the removal and disposal of scalpel blades from scalpel handles</td>
</tr>
<tr>
<td>AS 4031</td>
<td>Non-reusable containers for the collection of sharp medical items used in health care areas</td>
</tr>
<tr>
<td>AS/NZS 4261</td>
<td>Reusable containers for the collection of sharp items used in human and animal medical applications</td>
</tr>
<tr>
<td>AS 4706</td>
<td>Pressure gauges for regulators used with compressed gas cylinders</td>
</tr>
<tr>
<td>AS 4775</td>
<td>Emergency eyewash and shower equipment</td>
</tr>
<tr>
<td>AS 61010 (Series)</td>
<td>Safety requirements for electrical equipment for measurement, control and laboratory use</td>
</tr>
</tbody>
</table>

2 WELDING AND GAS SAFETY

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

3 PERSONAL PROTECTIVE EQUIPMENT

3.1 Hearing protection

<table>
<thead>
<tr>
<th>Australian Standard</th>
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</thead>
<tbody>
<tr>
<td>AS/NZS 1270</td>
<td>Acoustics – Hearing protectors</td>
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</table>

3.2 Eye protection

<table>
<thead>
<tr>
<th>Australian Standard</th>
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<tbody>
<tr>
<td>AS/NZS 1067.1</td>
<td>Sunglasses and fashion spectacles – Requirements</td>
</tr>
<tr>
<td>AS/NZS 1337.0 to 2 (Series)</td>
<td>Personal eye-protection</td>
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<tr>
<td>AS/NZS 1337.4 to 6 (Series)</td>
<td>Eye and face protection</td>
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<tr>
<td>AS/NZS 1337.6</td>
<td>Personal eye-protection – Prescription eye protectors against low and medium impact</td>
</tr>
<tr>
<td>AS/NZS 1338 (Series)</td>
<td>Filters for eye protectors</td>
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</tbody>
</table>

3.3 Head protection

<table>
<thead>
<tr>
<th>Australian Standard</th>
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</thead>
<tbody>
<tr>
<td>AS/NZS 1800</td>
<td>Occupational protective helmets – Selection, care and use</td>
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</tbody>
</table>
3.4 Respiratory protection
AS/NZ 1715: Selection use and maintenance of respiratory protection devices
AS/NZ 1716: Respiratory protective devices
AS 4381: Single-use face 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 Foot protection
AS/NZS 2210 (Series): Occupational protective footwear

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

4.1 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

4.2 Plant
AS/NZS 2153 (Series): Tractors and machinery for agriculture and forestry
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 60825.1: Safety of laser products – Equipment classification requirements
AS/NZS IEC 60825.14: Safety of laser products – A user’s guide

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

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 corrosive 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

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, office workstations and tables intended to be used as office desks - Mechanical, dimensional and general requirements and test methods
AS/NZS 4610.2 to 3 (Series): Furniture – School and educational
AS/NZS 4688 (Series): Furniture – Fixed height chairs

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 3350.2.30: Safety of household and similar electrical appliances - Particular requirements for room heaters
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 3)

**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 4488.1 to 2 (Series): Industrial rope access systems