

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 2252.1: Biological safety cabinets (Class I) for personal and environmental protection

AS 2252.2: Controlled environments - Biological safety cabinets Class II - Design

AS 2252.3: Controlled environments - Biological safety cabinets Class III – Design

AS 2252.4: Controlled environments - Biological safety cabinets Classes I and II - Installation and use (BS 5726:2005, MOD)

AS 2252.5: Controlled environments - Cytotoxic drug safety cabinets (CDSC) - Design, construction, installation, testing and use

AS 2252.6: Controlled environments - Clean workstations - Design, 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 1337.0 to 2 (Series): Personal eye-protection

AS/NZS 1337.4 to 6 (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 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, brush cutters 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

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