



THE UNIVERSITY OF
MELBOURNE

AUSTRALIAN STANDARDS

Health and Safety

This guidance is to be used in conjunction with procedure Pre-Purchasing EHS Requirements (UOM 327).

GENERAL

- AS 1319:** Safety signs for the occupational environment
- AS 1657:** Fixed Platforms, walkways, stairways and ladders – Design, construction and installation
- AS/NZS 1892.1-5 Series:** Portable ladders
- AS 2675:1983** Portable first aid kits for use by consumers
- AS/NZS 2865:** Safe working in a confined space
- AS 4142.1:** Fibre ropes - Care and safe usage
- AS/NZS 4345:** Motor vehicles – Cargo restraint systems – Transport fibre rope

LABORATORY SAFETY

- AS/NZS 2243.1-10 Series:** Safety in laboratories
- AS 2252.1-2 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/NZS ISO 14644.4:** Clean rooms and associated controlled environments – Design, construction and start-up
- AS 61010.1:** Safety requirements for electrical equipment for measurement, control and laboratory use - General requirements

WELDING AND GAS SAFETY

- AS 1335:** Hose and hose assemblies for welding, cutting and allied processes
- AS 1674.1-2 Series:** Safety in welding and allied processes - Fire precautions
- 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

PERSONAL PROTECTIVE EQUIPMENT

- AS/NZS 1067:** Sunglasses and fashion spectacles
- AS/NZS 1270:** Acoustics - Hearing protectors
- AS/NZS 1337:** Eye protectors for industrial applications
- AS/NZS 1337.4-6 Series:** Personal eye-protection
- AS 1338 Series:** Filters for eye protectors
- AS/NZS 1715:** Selection use and maintenance of respiratory protection devices
- AS/NZS 1891.1-4 Series:** Industrial fall-arrest systems and devices
- AS/NZS 2161.1-10:** Occupational protective gloves
- AS/NZS 2210.1-9 Series:** Occupational protective footwear
- AS 2375:** Guide to the selection, care and use of clothing for protection against heat and fire
- AS/NZS 2604:** Sunscreen products – Evaluation and classification
- AS/NZS 4011:** Single-use examination gloves - Specification
- AS/NZS 1800:** Occupational protective helmets - Selection, care and use
- AS/NZS 4179:** Single-use sterile surgical rubber gloves - Specification
- AS 4381:** Single-use face masks for use in health care
- AS/NZS 4399:** Sun protective clothing – Evaluation and classification
- AS/NZS 4488.1-2:** Industrial rope access systems
- AS/NZS 4501.2:** Occupational protective clothing – General requirements
- AS/NZS ISO 6529:** Protective clothing – Protection against chemicals – Determination of resistance of protective clothing materials to permeation by liquids and gases



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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 2187.1-** Explosives - Storage, transport and use - Storage
- AS 2507:** The storage and handling of agricultural and veterinary chemicals
- AS 2508 Series:** Safe storage and handling information cards
- 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 2931:** Selection and use of emergency procedure guides for the transport of dangerous goods
- 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 60079 Series:** Explosive atmospheres

PLANT, TOOLS AND EQUIPMENT

- AS 1187:** Farm milk cooling and storage systems
- AS/NZS 1200:** Pressure equipment
- AS 1210:** Pressure vessels
- AS 1228:** Pressure equipment – Boilers
- AS 1473:** Guarding and safe use of woodworking machinery
- AS 1473.1-7 Series:** Wood processing machinery
- AS/NZS 1576.6:** Scaffolding – Metal tube-and-coupler scaffolding – Deemed to comply with AS/NZS 1576.3
- AS/NZS 1677.2:** Refrigerating systems – Safety requirements for fixed applications
- AS/NZS 1873.1-4 Series:** Powder-actuated (PA) hand-held fastening tools
- AS/NZS 2153.1:** Tractors and machinery for agriculture and forestry - Technical means for ensuring safety
- AS/NZS 2211.1-9: Series** Laser safety
- AS/NZS 2438.1:** Drills and reamers – Specification for twist drills
- AS 2550.1-11 Series:** Cranes, hoists and winches
- AS 2593:** Boilers – Safety management and supervision systems
- AS 2726.1-2 Series:** Chainsaws - Safety requirements
- AS/NZS 3160:** Approval and test specification – Hand-held portable electrical tools
- AS 3575-:** Clearing saws, brushcutters and grass trimmers - Safety requirements
- AS/NZS 3576:** Clearing saws, brushcutters and grass trimmers - Guide to safe working practices
- AS/NZS 3666.1-3 Series:** Air-handling and water systems of buildings – Microbial control
- AS 3873:** Pressure equipment - Operation and maintenance
- AS 4024 Series:** Safeguarding of machinery
- AS 4509.1** Stand-alone power systems – Safety requirements
- AS/NZS 4576:** Guidelines for scaffolding
- AS 4774.2:** Work in compressed air and hyperbaric facilities – Hyperbaric oxygen facilities
- AS/NZS ISO 11553:** Safety of machinery – Laser processing machines – Safety requirements
- AS/NZS 60745.1:** Hand-held motor-operated electric tools - Safety - General requirements
- AS/NZS 60745.2.1-21 Series:** Hand-held motor-operated electric tools

OFFICE FURNITURE AND WORKSTATIONS

- AFRDI Design Standards**
- AS 3590 Series:** Screen-based workstations
- AS/NZS 3813:** Plastic monobloc chairs
- AS/NZS 4438:** Height adjustable swivel chairs



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AS/NZS 4442: Office desks

AS/NZS 4688.1: Furniture - Fixed height chairs - Ergonomic and general requirements

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 3200.1.0: Medical electrical equipment - General requirements for safety - Parent Standard

AS/NZS 3200.1-8 Series: Medical equipment safety

AS/NZS 3350.1: Safety of household and similar electrical appliances - General requirements

AS/NZS 3350.2.1-98 Series: Safety of household and similar electrical appliances – Particular requirements

AS/NZS 3760: In-service safety inspection and testing of electrical equipment

AS/NZS 3820: Essential safety requirements for low voltage electrical equipment

AS 3852: Performance of household electrical appliances -Thermostatically controlled direct-acting room heaters

AS/NZS 4513: Medical electrical equipment - Fundamental aspects of safety Standards

AS/NZS 60065: Audio, video and similar electronic apparatus - Safety requirements

AS/NZS 60335.1: Household and similar electrical appliances - Safety - General requirements

AS/NZS 60950: Safety of information technology equipment

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 tests

AS/NZS 61558.2-23 Series: Safety of power transformers, power supply units and similar devices- Particular requirements for ignition transformers for gas and oil burners (IEC 61558-2-3:1999, IDT)

Note: The above list does not include all Australian Standards and represents a guide to more commonly referenced Standards.