

GAS ACT 2000
Gas Safety Regulation 2002 (Regulation 15)

**Relevant standards for the design of gas facilities
(for a Natural Gas distribution system)**

AUSTRALIAN STANDARDS - PIPELINES

- AS 1345 Identification of the contents of pipes, conduits and ducts
- AS 1375 Industrial Fuel Fired Appliances Code*
- AS 1697 SAA Gas Pipeline Code* (Redrafted as AS/NZS 4645.2 – 2008)
- AS 2239 Galvanic (sacrificial) Anodes for Cathodic Protection
- AS 2430 Classification of hazardous areas
- AS 2648 Underground Marking Tape – Non Detectable Tape
- AS 2832 Guide to the Cathodic Protection of Metals, Pipes, Cables, and Ducts
- AS 2885 Pipelines, Gas and Liquid Petroleum *
- AS 3723 Installation and maintenance of plastic pipe systems for gas* (Redrafted as AS/NZS 4645.3 – 2008)
- AS 3814 Industrial & Commercial Gas Fired Appliances*
- AS 3894 Site Testing of Protective Coatings
- AS 4041 Pressure Piping
- AS 4129 Fittings For PE Pipes for Pressure Applications
- AS/NZS 4130 Polyethylene (PE) pipes for pressure applications
- AS 4360 Risk Management*
- AS 4564 Specification for general purpose Natural Gas.
- AS 4568 Code of Practice for the preparation of a safety and operating plan for gas networks * (Redrafted as AS/NZS 4645.1 - 2008)
- AS/NZS 4645.1 Gas distribution networks – Network management *
- AS/NZS 4645.2 Gas distribution networks – Steel pipe systems*
- AS/NZS 4645.3 Gas distribution networks – Plastic pipe systems*
- AS 4801 Occupational health and safety management systems*
- AS 5601 Gas Installations.

AUSTRALIAN GAS ASSOCIATION CODES

- AG 603 Gas Distribution Code* (Redrafted as AS/NZS 4645.1 – 2008)
- AG 606 Code of Practice for the Preparation of a Safety and Operating Plan for Gas Networks* (Redrafted as AS/NZS 4645.1 - 2008)
- AG 701 Glossary of Terms used in AGA Codes
- AG 702 Specification for Domestic Diaphragm Gas Meters

AUSTRALIAN STANDARDS - ELECTRICAL

- AS 3000 Electrical installations
- AS 1020 Control of undesirable static electricity
- AS 4853 Electrical Safety on metallic pipelines

AUSTRALIAN STANDARDS - OTHERS

- AS 1167.1 Welding and brazing – filler metals for braze welding
- AS 1432 Copper tubes for plumbing, gas fitting and drainage applications
- AS/NZS 1518 External Extruded High Density Polyethylene Coating for Pipes
- AS 1572 Copper and Copper Alloys – Seamless Tubes for Engineering Purposes

INTERNATIONAL STANDARDS AND CODES

API Specification 601 American Petroleum Institute – Gaskets.

IGE/TD/3 The Institute of Gas Engineers – Recommendations on Transmission and Distribution Practice.

* ***Denotes that the Gas (Safety) Regulations 2002 require the inclusion of any code or standard having effect under that standard or code. Refer regulation 3.***