

The main and most significant standards to be complied with (this is not exhaustive and is a live list):

Standards Australia

- AS 1025.1 and 1025.2 High-Voltage a.c. Switchgear and Control gear - Switches and Switch-Disconnectors
- AS 12239 Fire Detection and Alarm Systems – Smoke Alarms
- AS 60044.2 or 60044.3 or 60044.4 Voltage Transformers for Measurement and Protection
- AS 1289 Methods of Testing Soils for Principaling Purposes
- AS 1307 Surge Arrestors (diverters)
- AS 1319 Safety Signs for Occupational Environment
- AS 1359 Rotating Electrical Machinery - General Requirements
- AS 1603 Automatic Fire Detection and Alarm Systems
- AS 1650 Hot-Dipped Galvanised Coatings on Ferrous Articles
- AS 1657 Fixed Platforms Walkways Stairways and Ladders - Design Construction and Installation
- AS 60044.1 Current Transformers - Measurement and Protection
- AS 1680 Interior Lighting
- AS 1725 Galvanised Rail-less Chainwire Security Fences and Gates
- AS 1768 Lightning Protection
- AS 1891 Industrial fall-arrest systems and devices - Selection, use and maintenance
- AS 1939 Degrees of Protection Provided by Enclosures for Electrical Equipment
- AS 2005 Low Voltage Fuses - Fuses with Enclosed Fuse-Links
- AS 2067 Switchgear Assemblies and Ancillary Equipment for Alternating Voltages above 1 kV
- AS 2374 Power Transformers
- AS 2444 Portable Fire Extinguishers and Fire Blankets - Selection and Location
- AS 2626 Industrial Safety Belts and Harnesses - Selection Use and Maintenance
- AS 3000 SAA Wiring Rules
- AS 3439 Low-Voltage Switchgear and Controlgear Assemblies
- AS 4024 Safeguarding of Machinery
- AS 4100 Steel Structures
- AS 4436 Guide for the selection of insulators in respect of polluted conditions

International Standards

- ISO International Organization for Standardization
- IEC International Electrotechnical Commission

National Standards

- AS/NZS Australian/New Zealand Standard
- AS/NZS 1768 Lightning Protection
- AS/NZS 3000 Wiring Rules
- AS/NZS 5033 Installation and safety requirements for photovoltaic (PV) arrays
- AS/NZS 1170.1 Minimum Design Loads on Structures – Dead and Live Loads and Load Combinations
- AS/NZS 1170.2 Wind Loads
- AS/NZS 3008 Electrical installations – Selection of cables
- AS/NZS 3012 Electrical installations – Construction and demolition sites
- AS/NZS 1020 Control of Undesirable Static Electricity

AS Australia Standards

- AS 2067 Substations and high voltage installation exceeding 1kV AC
- AS 4777 Grid connection of energy systems via inverters – Installation requirements
- *Note a new revision of AS4777 is currently being prepared and may be in force when the construction of this plant commences*
- AS 60529 Degrees of protection provided by enclosures (IP Code)
- AS 4070 Recommended Practices for Protection of Low Voltage Electrical Installation and Equipment in MEN Systems from transient Overvoltages.
- AS 4262.1 Telecommunications Overvoltages – Part 1. Protection of Persons
- AS 4262.2 Telecommunications Overvoltages – Part 2. Protection of Equipment
- AS 62271.1 High-voltage switchgear and control gear – Common specifications
- AS 3865 Calculation of the effects of short-circuit currents
- AS 3439 Low Voltage Switchgear & Control Assemblies
- AS 3013 Electrical Installation – Wiring Systems for Specific Applications
- AS 2053 Conduits and Fittings for Electrical Installations
- AS 4070 Recommended Practices for Protection of Low Voltage Electrical Installations and Equipment in MEN Systems from Transient Over Voltages

Occupational health and safety and risk management applicable regulation

International Standards

- ISO International Organization for Standardization

National Standards

- AS 1470-1986 Health and safety at work – Principles and practices
- AS 1216-2006 Class labels for dangerous goods
- AS 2397-1993 Safe use of lasers in the building and construction industry
- NOHSC:1016-2005 National Standard for Construction Work
- NOHSC:1008-2004 Approved Criteria for Classifying Hazardous Substances
- NOHSC:1006-2001 National Occupational Health and Safety Certification Standard for User and Operators of Industrial Equipment
- NOHSC:1010-1994 National Standard for Plant
- CS-EEHA-001-1998 Electrical Equipment in Hazardous Areas
- NSW Work Health and Safety Act, including all associated laws, regulations and codes of practice, a summary of which is available from WorkCover NSW.

Other Standards

- Building Code of Australia
- New South Wales Service and Installation Rules
- Essential Energy Network Standards
- All other appropriate Australian Standards