

## Standards and compliance requirements

### Why are standards necessary?

Standards are needed to ensure safe and satisfactory products that are fit for their intended use. The Electromagnetic Compatibility (EMC) and Radio standards prescribed by MED also protect the radio spectrum, minimising interference and allowing effective use of radiocommunications services.

Joint (AS/NZS) standards are developed under a co-operation agreement between SAI Global and Standards New Zealand. International standards, for example IEC-CISPR, ISO, ETS, EN and FCC, are adopted in New Zealand where possible, to maximise trade opportunities and equipment availability.

The standards referred to can generally be obtained from [Standards New Zealand](#) and [SAI Global](#).

### What are the compliance requirements for electrical, electronic and radio products?

The formal requirements to be met by suppliers of electrical, electronic and radio products are prescribed in [Gazette Notices: Radiocommunications Compliance Notice](#) – levels of conformity, compliance folders and product labelling

[EMC Standards Notice](#) – electrical and electronic product technical standards

[Radio Standards Notice](#) – radio communication transmitter technical standards

[Mutual Recognition Notices](#) – mutual recognition with other countries of test reports, standards, and product labelling

### Are there other standards?

#### [Reference standards](#)

Reference Standards provide guidance to Approved Radio Engineers regarding matters which must be considered in determining the compatibility between radio services when certifying spectrum licences.

#### [Voluntary standards](#)

Voluntary standards provide guidance relating to the manufacture, installation and use of EMC and Radio products to ensure correct operation of the equipment and protection of the radio spectrum.

#### [Codes of Practice](#)

Codes of Practice are guidelines for equipment suppliers, installers and operators to minimise the risk of interference

#### [Summary of compliance requirements](#)

A summary of the EMC compliance requirements for suppliers of electrical and radio products.