

# **International Accreditation Service, Inc.**

This accreditation is suspended as of

April 7, 2026.

Please contact IAS for current information.

562-364-8201, ext. 3309

[iasinfo@iasonline.org](mailto:iasinfo@iasonline.org)



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# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **KIWA GASTEC (CHINA) LTD.**

ROOM 209, NO.46 NANXIANG NO.3 ROAD, SCIENCE CITY, DEVELOPMENT ZONE  
GUANGZHOU 510663, CHINA

### **Testing Laboratory TL-657**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date April 29, 2024



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## KIWA GASTEC (CHINA) LTD.

[www.kiwa.cn](http://www.kiwa.cn)

**Contact Name** Javen Xuan

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*Accredited to ISO/IEC 17025:2017*

*Effective Date April 29, 2024*

Heating/Cooling	
ANSI Z1.97	Outdoor decorative gas appliances
ANSI Z21.1	Household cooking gas appliances
ANSI Z21.10.3	Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous
ANSI Z21.11.1	Gas-fired room heaters V: vented room heaters
ANSI Z21.11.2	Gas-fired room heaters, volume II, unvented room heaters
ANSI Z21.13	Gas-fired low pressure steam and hot water boilers
ANSI Z21.15	Standard for manually operated gas valves for appliances, appliance connector valves and hose end valves
ANSI Z21.18	Gas appliance pressure regulators
ANSI Z21.19	Refrigerators using gas fuel
ANSI Z21.21	Automatic valves for gas appliances
ANSI Z21.47	Gas-fired central furnaces
ANSI Z21.58	Outdoor cooking gas appliances
ANSI Z21.63	Portable type gas camp heaters
ANSI Z21.72	Portable type gas camp stoves
ANSI Z21.73	Portable type gas camp lights
ANSI Z21.78	Combination Gas Controls for Gas Appliances
ANSI Z21.88	Vented gas fireplace heaters
ANSI Z21.89	Outdoor cooking specialty gas appliances
ANSI Z21.97	Outdoor decorative gas appliances
ANSI Z83.11	Gas food service equipment
ANSI Z83.7	Gas-fired Construction heaters
ANSI Z83 26	Gas-fired outdoor infrared patio heaters
AS 2658	LP gas—portable and mobile appliances - excluding: wind test with clause B39
AS 4563	Commercial catering gas equipment

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AS 4617	Manual shut off gas valves
AS4618	Gas appliance regulators
AS4619	Gas appliance thermostats
AS4620	Thermoelectric flame safeguards
AS4621	Regulators for use with liquefied petroleum - vapour phase
AS 4629	Automatic shut off valves and vent valves
AS 5263.0	Gas appliances, general requirements
AS 5263.1.1	Gas appliances Part 1.1: domestic gas cooking appliances
AS 5263.1.2	Gas appliances part 1.2: gas fired water heaters for hot water supply and/or central heating
AS 5263.1.3	Gas appliances part 1.3: gas space heating appliances
AS 5263.1.7	Gas appliances part 1.7: domestic outdoor gas barbecues
AS/NZS 2208	Safety glazing materials in buildings
AS/NZS 5263.1.8	Gas appliances Part 1.8: Decorative effect gas appliances
AS/NZS 5263.1.10	Gas appliances Part 1.10: Gas direct fired air heaters
ASTM F2201	Standard Consumer Safety Specification for Utility Lighters
ASTM F3363	Standard Specification for Unvented Liquid/Gel Fuel-Burning Portable Devices
BS 3193	Specification for thermally toughened glass panels for use in domestic appliances
BS 4089	Specification for Metallic Hose Assemblies for Liquid Petroleum Gases and Liquefied Natural Gases
BS EN/EN 26	Gas-fired instantaneous water heaters for the production of domestic hot water
BS EN/EN 30-2-1	Domestic cooking appliances burning gas- rational use of energy- general
BS EN/EN 30-2-2	Domestic cooking appliances burning gas - rational use of energy, appliances having forced-convection ovens and/or grills- section 2- forced convection ovens/grills
BS EN/EN 88-1	Pressure regulators and associated safety devices for gas Part 1: Pressure regulators for inlet pressures up to and including 50 kPa
BS EN/EN 88-2	Pressure regulators and associated safety devices for gas appliances - Part 2: Pressure regulators for inlet pressures above 500 mbar up to and including 5 bar
BS EN/EN 89	Gas-fired storage water heaters for the production of domestic hot water
BS EN/EN 125	Flame supervision devices for gas burning appliances - Thermoelectric flame supervision devices
BS EN/EN 126	Multifunctional controls for gas burning appliances
BS EN/EN 161	Automatic shut-off valves for gas burners and gas appliances

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BS EN/EN 203-1	Gas heated catering equipment- general safety rules
BS EN/EN 203-2	Gas-heated catering equipment; rational use of energy
BS EN/EN 203-2-1	Gas heated catering equipment- specific requirements- open burners and wok burners
BSEN/EN 203-2-2	Gas heated catering equipment part 2-2- specific requirements- ovens
BS EN/EN 203-2-3	Gas heated catering equipment part 2-3: specific requirements - boiling pans
BS EN/EN 203-2-4	Gas heated catering equipment part 2-4: specific requirements fryers
BS EN/EN 203-2-6	Gas heated catering equipment part 2-6: specific requirements hot water heaters for beverage
BS EN/EN 203-2-7	Gas heated catering equipment - Part 2-7: Specific requirements - Salamanders and rotisseries
BS EN/EN 203-2-8	Gas heated catering equipment - part 2-8: Specific requirements - brat pans and paëlla cookers
BS EN/EN 203-2-9	Gas heated catering equipment- specific requirements- solid tops, warming plates and griddles
BSEN/EN 203-2-10	Gas heated catering equipment -Part 2-10: Specific requirements - Chargrills
BS EN/EN 203-2-11	Gas heated catering equipment part 2-11: specific requirements pasta cookers
BS EN/EN 257	Mechanical thermostats for gas-burning appliances
BS EN/EN 267	Forced draught burners for liquid fuels
BS EN/EN 298	Automatic burner control systems for burners and appliances burning gaseous or liquid fuels
BS EN/EN 303-1	Heating boilers Part 1: Heating boilers with forced draught burners - Terminology, general requirements, testing and marking
BS EN/EN 303-2	Heating boilers Part 2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burner
BS EN/EN 303-3	Heating boilers Part 3: Gas-fired central heating boilers Assembly comprising a boiler body and a forced draught burner
BS EN/EN 303-4	Heating Boilers - Part 4: Heating Boilers with Forced Draught Burners - Special Requirements for Boilers with Forced Draught Oil Burners with Outputs up to 70 kW and a Maximum Operating Pressure of 3 Bar - Terminology, Special Requirements, Testing and Marking
BS EN/EN 303-7	Heating boilers - Part 7: Gas-fired central heating boilers equipped with a forced draught burner of nominal heat output not exceeding 1 000 kW
BS EN/EN 304	Heating boilers – Test code for heating boilers for atomizing oil burners
BS EN/EN 331	Manually operated ball valves and closed bottom taper plug valves for gas installations in buildings
BS EN/EN 437	Tests gases- test pressures- appliance categories

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BS EN/EN 449	Specification for dedicated liquefied petroleum gas appliances - Domestic flueless space heaters (including diffusive catalytic combustion heaters)
BS EN/EN 461	Specification for dedicated liquefied petroleum gas appliances flueless non-domestic space heaters not exceeding 10 kW
BS EN/EN 484	Specification for dedicated liquefied petroleum gas appliances- independent hotplates, including those incorporating a grill for outdoor use
BS EN/EN 497	Specification for dedicated liquefied petroleum gas appliances- multi-purpose boiling burners for outdoor use
BS EN/EN 498	Specification for dedicated liquefied petroleum gas appliances- Barbecues for outdoor use contact grills included
BS EN/EN 509	Decorative fuel-effect gas appliances
BS EN/EN 521	Specification for dedicated liquefied petroleum gas appliances- portable vapour pressure liquefied petroleum gas appliances
BS EN/EN 549	Rubber materials for seals and diaphragms for gas appliances and gas equipment
BS EN/EN 613	Independent gas-fired convection heaters
BS EN/EN 676	Automatic forced draught burners for gaseous fuels
BS EN/EN 732	Specifications for dedicated liquefied petroleum gas appliances - absorption refrigerators
BS EN/EN 1106	Manually operated taps for gas burning appliances
BS EN/EN 1326	Gas Welding Equipment - Small Kits For Gas Brazing And Welding
BS EN/EN 1327	Gas welding equipment-Thermoplastic hoses for welding and allied processes
BS EN/EN 1458-1	Domestic direct gas-fired tumble dryers of types B22D and B23D, of nominal heat input not exceeding 6 kW Part 1: Safety
BS EN/EN 1458-2	Domestic Direct Gas-Fired Tumble Dryers of Types B22D and B23D, of Nominal Heat Input Not Exceeding 6 kW - Part 2: Rational Use of Energy
BS EN/EN 1596	Specification for dedicated liquefied petroleum gas appliances mobile and portable non-domestic forced convection direct fired air heaters
BS EN/EN 1854	Pressure sensing devices for gas burners and gas burning appliances
BS EN/EN 1860-1	Appliances, solid fuels and firelighters for barbecuing part 1: barbecues burning solid fuels — requirements and test methods
BS EN/EN 1860-4	appliances, solid fuels and firelighters for barbecuing - Part 4: Single use barbecues burning solid fuels, Requirements and test method
BS EN/EN 1949	Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles
BS EN/EN 12752-1	Gas-Fired Type B Tumble Dryers of Nominal Heat Input Not Exceeding 20 kW - Part 1: Safety
BS EN/EN 12752-2	Gas-Fired Type B Tumble Dryers of Nominal Heat Input Not Exceeding 20 kW - Part 2: Rational Use of Energy

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BS EN/EN 13203-1	Gas fired domestic appliances producing hot water - Part 1: Assessment of performance of hot water deliveries
BS EN/EN 13203-2	Gas-fired domestic appliances producing hot water - Part 2: Assessment of energy consumption
BS EN/EN 13203-3	Solar supported gas-fired domestic appliances producing hot water - Appliances not exceeding 70 kW heat input and 500 litres water storage capacity Part 3: Assessment of energy consumption
BS EN/EN 13240	Room heaters fired by solid fuel - Requirements and test methods
BS EN/EN 13611	Safety and control devices for burners and appliances burning gaseous and/or liquid fuels- general requirements (only clauses linked to EN 298)
BS EN/EN 13842	Oil fired forced convection air heaters stationary and transportable for space heating
BS EN/EN 14059	Decorative oil lamps. Safety requirements and test methods
BS EN/EN 14543	Specifications for dedicated liquid gas appliances- parasol patio heaters- flueless radiant heaters for outdoor or amply ventilated area use
BS EN/EN 14785	Residential space heating appliances fired by wood pellets Requirements and test methods
BS EN/EN 14800	Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels
BS EN/EN 14829	Independent gas-fired flue-less space heaters for nominal heat input not exceeding 6 kW
BS EN/EN 15033	Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats
BS EN/EN 15181	Measuring method of the energy consumption of gas fired ovens
BS EN/EN 15266	Stainless steel pliable corrugated tubing kits in buildings for gas with an operating pressure up to 0,5 bar
BS EN/EN 15502-1	Gas-fired heating boilers part 1 - general requirements and tests
BS EN/EN 15502-2-1	Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW
BS EN/EN 15502-2-2	Gas-fired central heating boilers - Part 2-2: Specific standard for type B1 appliances
BS EN/EN 16129	Pressure regulators, automatic change-over devices, having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, associated safety devices and adaptors for butane, propane, and their mixtures
BS EN/EN 16436-1	Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixture in the vapor phase -Part 1: Hoses and Tubing
BS EN/EN16436-2	Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixture in the vapor phase Part 2: Assemblies

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BS EN/EN16617	Pipework—Corrugated metal hose assemblies for combustible gas — Performance requirements, testing and marking
BS EN/EN 16647	Fireplaces for liquid fuels - Decorative appliances producing a flame using alcohol based or gelatinous fuel - Use in private households
BS EN/EN 17082	Domestic and non-domestic gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW
BS EN/EN ISO 3741	Acoustics - determination of sound power levels and sound energy levels of noise sources using sound pressure - precision methods for reverberation test rooms
BS EN/EN ISO 3743-1	Acoustics - determination of sound power levels and sound energy levels of noise sources using sound pressure - engineering methods for small, movable sources in reverberant fields - part 1: comparison method for a hard-walled test room
BS EN/EN ISO 3743-2	Acoustics - determination of sound power levels of noise sources using sound pressure - engineering methods for small, movable sources in reverberant fields - part 2: methods for special reverberation test rooms
BS EN/EN ISO 9012	Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests
BS EN/EN ISO 15036-1	Heating boilers - test regulations for airborne noise emissions from heat generators - part 1: airborne noise emissions from heat generators
BS EN/EN ISO 15036-2	Heating boilers - test regulations for airborne noise emissions from heat generators - part 2: flue gas noise emissions at the outlet of the heat generator
BS EN/SASO EN/EN 30-1-1	Domestic cooking appliances burning gas- safety – general
BS EN/SASO EN/EN 30-1-2	Domestic cooking appliances burning gas- safety - appliances having forced-convection ovens and/or grills
BS EN/SASO EN/EN 30-1-3	Domestic cooking appliances burning gas- safety- appliances having a glass ceramic hotplate
BS EN/SASO EN/EN 30-1-4	Domestic cooking appliances burning gas- safety- appliances having one or more burners with an automatic burner control system
CSA 1.1	Household cooking gas appliances
CSA 1.4	Refrigerators using gas fuel
CSA 1.6	Outdoor cooking gas appliances
CSA 1.8	Gas food service equipment
CSA 1.18	Outdoor cooking specialty gas appliances
CSA 2.3	Gas-fired central furnaces
CSA 2.14	Gas-fired Construction heaters
CSA 2.33	Vented gas fireplace heaters
CSA 2.37	Gas-fired outdoor infrared patio heaters

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CSA 2.41	Outdoor decorative gas appliances
CSA 4.3	Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous
CSA 4.9	Gas-fired low pressure steam and hot water boilers
CSA 4.98	Gas-fired portable heaters for recreational and commercial use
CSA 6.3	Gas appliance pressure regulators
CSA 6.5	Automatic valves for gas appliances
CSA 6.20	Combination Gas Controls for Gas Appliances
CSA 9.1	Standard for manually operated gas valves for appliances, appliance connector valves and hose end valves
CSA 11.1	Portable type gas camp lights
CSA 11.2	Portable type gas camp stoves
CSA 11.3	Portable type gas camp heaters
CSA B140.8	Portable industrial oil-fired heaters
CSA B140.9.3:M86	Portable kerosine-fired heaters
DIN 4734-1	Fireplaces for liquid fuels - decorative appliances producing a flame using ethanol based or gelatinous fuel - part 1: use in private households
EN ISO 9994	Lighters – Safety specification
GSO 169	Gas fired domestic heaters Part 1: Radiant Portable heaters
GSO 170	Methods of test for gas fired domestic radiant type portable heaters
GSO 1049	Methods of test for domestic cookers for use with liquefied petroleum gases
GSO 1050	Domestic cookers for use with liquefied petroleum gases
IS 4246	Domestic Gas Stoves for use with Liquefied Petroleum Gases
KS 1064	Specification for non-pressure stoves
MS 1535-1	Part 1: Domestic gas cooking appliances for use with LPG: Specification
MS 1535-2	Part 2: Domestic gas cooking appliances for use with LPG: General construction
MS 1535-3	Part 3: Domestic gas cooking appliances for use with LPG: Test method
MS 1535-4	Part 4: Domestic gas cooking appliances for use with LPG: Glossary
NBR 13723-1	Gas cooking home appliance - Part 1: Performance and safety
NBR 13723-2	Gas cooking domestic appliance - Part 2: Rational energy use
NF D 35-386	Ethanol fired appliances - Safety requirements and test methods
NIS 107	Glass globes for hurricane lanterns
NIS 412	Hurricane lantern

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NIS 413	Pressure kerosene stove
NM 14.2.016	Hot water Instant production apparatus for sanitary uses- atmospheric burners used Gas fuels
NOM-019-SEDG-2002	Household cooking natural gas or liquefied petroleum gas (LPG) appliances- specifications and test methods
NTP 370.501	Gas Artifacts – Methodology for determining the efficiency of continuous-pass water heaters using gaseous fuels
PrEN/BSEN/EN17476	Specifications for dedicated liquefied petroleum gas appliances - LPG vapour pressure appliances incorporating an horizontal cartridge in the chassis
SANS 1237	Single-stage regulators for liquefied petroleum gas (LPG)
SANS 1539	Appliances operating on liquefied petroleum gas (LPG) or natural gas (NG) — safety aspects
SASO 57	Water heaters (LPG) gas fired
SASO 58	Methods of Test for Gas Fired Domestic Storage Type Water Heaters
SASO 167	Methods of test for domestic cookers for use with liquefied petroleum gases
SASO 168	Domestic cookers for use with liquefied petroleum gases
SASO 59	Gas fired domestic heaters Part 1: Radiant Portable heaters
SASO 60	Methods of test for gas fired domestic radiant type portable heaters
SASO EN 16129	Pressure regulators
SASO GSO EN 203-1	Gas heated catering equipment- general safety rules
SASO GSO EN 203-2-2	Gas heated catering equipment part 2-2- specific requirements- ovens
SASO GSO EN 203-2-10	Gas heated catering equipment -Part 2-10: Specific requirements - Chargrills
UL144	UL Standard for Safety LP-Gas Regulators
UL647	UL Standard for Safety Unvented Kerosene-Fired Room Heaters and Portable Heaters
UL733	UL Standard for Safety Oil-Fired Air Heaters and Direct-Fired Heaters
UL 1370	UL Standard for Safety Unvented Alcohol Fuel Burning Decorative Appliances
<b>Electrical Household Appliances</b>	
AS/NZS 60065	Audio, video and similar electronic apparatus – Safety requirements
AS/NZS 60335.1	Household and similar electrical appliances – Safety – Part 1-general requirements (Exclusion: as IEC60335-1)
AS/NZS 60335.2.2	Household and similar electrical appliances – Safety – part 2.2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
AS/NZS 60335.2.3	Household and similar electrical appliances – Safety – Part 2.3: Particular requirements for electric irons

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AS/NZS 60335.2.5	Household and similar electrical appliances – Safety – part 2.5: Particular requirements for dishwashers
AS/NZS 60335.2.6	Household and similar electrical appliances – safety – part 2.-6: particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
AS/NZS 60335.2.7	Household and similar electrical appliances – Safety – part 2.7: Particular requirements for washing machines
AS/NZS 60335.2.8	Household and similar electrical appliances – Safety – Part 2.8: Particular requirements for shavers, hair clippers and similar appliances
AS/NZS 60335.2.9	Household and similar electrical appliances - safety - part 2.9: particular requirements for grills, toasters and similar portable cooking appliances
AS/NZS 60335.2.10	Household and similar electrical appliances – Safety – part 2.10: Particular requirements for floor treatment machines and wet scrubbing machines
AS/NZS 60335.2.11	Household and similar electrical appliances – Safety – part 2.11: Particular requirements for tumble dryers
AS/NZS 60335.2.12	Household and similar electrical appliances – Safety – part 2.12: Particular requirements for warming plates and similar appliances
AS/NZS 60335.2.13	Household and similar electrical appliances – Safety – Part 2.13: Particular requirements for deep fat fryers, frying pans and similar appliances
AS/NZS 60335.2.14	Household and similar electrical appliances – Safety – Part 2.14: Particular requirements for kitchen machines
AS/NZS 60335.2.15	Household and similar electrical appliances – Safety – Part 2.15: Particular requirements for appliances for heating liquids
AS/NZS 60335.2.17	Household and similar electrical appliances – Safety – Part 2.17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances
AS/NZS 60335.2.21	household and similar electrical appliances - safety - part 2.21: particular requirements for storage water heaters
AS/NZS 60335.2.23	Household and similar electrical appliances - Safety - Part 2.23: Particular requirements for appliances for skin or hair care
AS/NZS 60335.2.29	Household and similar electrical appliances – Safety – part 2.29: Particular requirements for battery chargers
AS/NZS 60335-2.30	Household and similar electrical appliances - safety - part 2.30: particular requirements for room heaters
AS/NZS 60335-2.31	Household and similar electrical appliances - safety - part 2.31: particular requirements for range hoods and other cooking fume extractors
AS/NZS 60335-2.32	Household and similar electrical appliances – Safety – Part 2.32: Particular requirements for massage appliances
AS/NZS 60335-2.35	household and similar electrical appliances - safety - part 2.35: particular requirements for instantaneous water heaters

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AS/NZS 60335-2.36	Household and similar electrical appliances – safety – part 2.36: particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements
AS/NZS 60335-2.38	Household and similar electrical appliances – Safety – Part 2.38: Particular requirements for commercial electric griddles and griddle grills
AS/NZS 60335.2.40	Household and similar electrical appliances– Safety – part 2.40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
AS/NZS 60335.2.41	Household and similar electrical appliances – Safety – part 2.41: Particular requirements for pumps
AS/NZS 60335-2.42	Household and similar electrical appliances – Safety – Part 2.42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens
AS/NZS 60335.2.43	Household and similar electrical appliances – Safety – part 2.43: Particular requirements for clothes dryers and towel rails
AS/NZS 60335.2.45	Household and similar electrical appliances – Safety – part 2.45: Particular requirements for portable heating tools and similar appliances
AS/NZS60335-2.48	Household and similar electrical appliances – Safety – Part 2.48: Particular requirements for commercial electric grillers and toasters
AS/NZS 60335.2.52	Household and similar electrical appliances – Safety – part 2.52: Particular requirements for oral hygiene appliances
AS/NZS60335-2.54	Household and similar electrical appliances – Safety – Part 2.54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam
AS/NZS60335-2.59	Household and similar electrical appliances – Safety – Part 2.59: Particular requirements for insect killers
AS/NZS 60335.2.60	Household and similar electrical appliances – Safety – part 2.60: Particular requirements for whirlpool baths and whirlpool spas
AS/NZS 60335.2.64	Household and similar electrical appliances – Safety – part 2.64: Particular requirements for commercial electric kitchen machines
AS/NZS 60335-2.65	Household and similar electrical appliances – Safety – Part 2.65: Particular requirements for air-cleaning appliances
AS/NZS 60335.2.69	Household and similar electrical appliances – Safety – part 2.69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use
AS/NZS 60335.2.74	Household and similar electrical appliances – Safety – part 2.74: Particular requirements for portable immersion heaters
AS/NZS 60335-2.75	Household and similar electrical appliances – Safety – Part 2.75: Particular requirements for commercial dispensing appliances and vending machines

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AS/NZS 60335-2.78	Household and similar electrical appliances – Safety – Part 2.78: Particular requirements for outdoor barbecues
AS/NZS 60335-2.80	Household and similar electrical appliances – Safety – Part 2.80: particular requirements for fans
AS/NZS 60335.2.81	Household and similar electrical appliances – Safety – part 2.81: Particular requirements for foot warmers and heating mats
AS/NZS 60335-2.85	Household and similar electrical appliances - Safety - Part 2.85: Particular requirements for fabric steamers
AS/NZS 60335-2.98	Household and similar electrical appliances – Safety – Part 2.98: Particular requirements for humidifiers
AS/NZS 60335.2.101	Household and similar electrical appliances – Safety – Part 2.101: Particular requirements for vaporizers
AS/NZS 60335-2.102	Household and similar electrical appliances – safety – Part 2.102: particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
AS/NZS 60335.2.105	Household and similar electrical appliances – Safety – Part 2.105: Particular requirements for multifunctional shower cabinets
AS/NZS 60335.2.109	Household and similar electrical appliances – Safety – Part 2.109: Particular requirements for UV radiation water treatment appliances
AS/NZS 60350.2	Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance
AS/NZS 62301	Electrical and electronic household and office equipment – Measurement of low power consumption
AS/NZS 60950.1	Information technology equipment-safety – Part 1: General requirements
AS/NZS 62368.1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
BS EN/EN 50563	External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes
BS EN/EN 50564	Electrical and electronic household and office equipment – Measurement of low power consumption
BS EN/EN 60065	Audio, video and similar electronic apparatus – Safety requirements
BS EN/EN 60335-1	Household and similar electrical appliances – safety part 1: General requirements (exclusion: as IEC 60335-1)
BS EN/EN 60335-2-2	Household and similar electrical appliances – Safety – part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
BS EN/EN 60335-2-3	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
BS EN/EN 60335-2-5	Household and similar electrical appliances – Safety – part 2-5: Particular requirements for dishwashers

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BS EN/EN 60335-2-6	Household and similar electrical appliances – safety – part 2-6: particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
BS EN/EN 60335-2-7	Household and similar electrical appliances – Safety – part 2-7: Particular requirements for washing machines
BS EN/EN 60335-2-8	Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
BS EN/EN 60335-2-9	Household and similar electrical appliances – safety – part 2-9: particular requirements for grills, toasters and similar portable cooking appliances
BS EN/EN 60335-2-10	Household and similar electrical appliances – Safety – part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines
BS EN/EN 60335-2-11	Household and similar electrical appliances – Safety – part 2-11: Particular requirements for tumble dryers
BS EN/EN 60335-2-12	Household and similar electrical appliances – Safety – part 2-12: Particular requirements for warming plates and similar appliances
BS EN/EN 60335-2-13	Household and similar electrical appliances – safety – part 2-13: particular requirements for deep fat fryers, frying pans and similar appliances
BS EN/EN 60335-2-14	Household and similar electrical appliances – Safety – Part 2.14: Particular requirements for kitchen machines
BS EN/EN 60335-2-15	Household and similar electrical appliances – Safety – Part 2.15: Particular requirements for appliances for heating liquids
BS EN/EN 60335-2-17	Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances
BS EN/EN 60335-2-21	Household and similar electrical appliances – safety – part 2-21: particular requirements for storage water heaters
BS EN/EN 60335-2-23	Household and similar electrical appliances – Safety – Part 2.23: Particular requirements for appliances for skin or hair care
BS EN/EN 60335-2-29	Household and similar electrical appliances – Safety – part 2-29: Particular requirements for battery chargers
BS EN/EN 60335-2-30	Household and similar electrical appliances - safety - part 2-30: particular requirements for room heaters
BS EN/EN 60335-2-31	Household and similar electrical appliances - safety - part 2-31: particular requirements for range hoods and other cooking fume extractors
BS EN/EN 60335-2-32	Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances
BS EN/EN 60335-2-35	household and similar electrical appliances - safety - part 2-35: particular requirements for instantaneous water heaters
BS EN/EN 60335-2-36	Household and similar electrical appliances – safety – part 2-36: particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

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BS EN/EN 60335-2-38	Household and similar electrical appliances – safety – part 2-38: particular requirements for commercial electric griddles and griddle grills
BS EN/EN 60335-2-40	Household and similar electrical appliances – Safety – part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
BS EN/EN 60335-2-41	Household and similar electrical appliances – Safety – part 2-41: Particular requirements for pumps
BS EN/EN 60335-2-42	Household and similar electrical appliances – safety – part 2-42: particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens
BS EN/EN 60335-2-43	Household and similar electrical appliances – Safety – part 2-43: Particular requirements for clothes dryers and towel rails
BS EN/EN 60335-2-45	Household and similar electrical appliances – Safety – part 2-45: Particular requirements for portable heating tools and similar appliances
BS EN/EN 60335-2-48	Household and similar electrical appliances – safety – part 2-48: particular requirements for commercial electric grillers and toasters
BS EN/EN 60335-2-52	Household and similar electrical appliances – Safety – part 2-52: Particular requirements for oral hygiene appliances
BS EN/EN 60335-2-54	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam
BS EN/EN 60335-2-59	Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers
BS EN/EN 60335-2-60	Household and similar electrical appliances – Safety – part 2-60: Particular requirements for whirlpool baths and whirlpool spas
BS EN/EN 60335-2-64	Household and similar electrical appliances – Safety – part 2-64: Particular requirements for commercial electric kitchen machines
BS EN/EN 60335-2-65	Household and similar electrical appliances – Safety – Part 2-65: particular requirements for air-cleaning appliances
BS EN/EN 60335-2-69	Household and similar electrical appliances – Safety – part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use
BS EN/EN 60335-2-74	Household and similar electrical appliances – Safety – part 2-74: Particular requirements for portable immersion heaters
BS EN/EN 60335-2-75	Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines
BS EN/EN 60335-2-78	Household and similar electrical appliances – safety – part 2-78: particular requirements for outdoor barbecues
BS EN/EN 60335-2-80	Household and similar electrical appliances – Safety – Part 2-80: particular requirements for fans

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BS EN/EN 60335-2-81	Household and similar electrical appliances – Safety – part 2-81: Particular requirements for foot warmers and heating mats
BS EN/EN 60335-2-85	Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers
BS EN/EN 60335-2-98	Household and similar electrical appliances – Safety – Part 2-98: Particular requirements for humidifiers
BS EN/EN 60335-2-101	Household and similar electrical appliances – Safety – part 2-101: Particular requirements for vaporizers
BS EN/EN 60335-2-102	Household and similar electrical appliances – safety– part 2-102: particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
BS EN/EN 60335-2-105	Household and similar electrical appliances – Safety – part 2-105: Particular requirements for multifunctional shower cabinets
BS EN/EN 60335-2-109	Household and similar electrical appliances – Safety – part 2-109: Particular requirements for UV radiation water treatment appliances
BS EN/EN 60350-2	Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance
BS EN/EN 60950-1	Information technology equipment-safety – Part 1: General requirements
BS EN/EN 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
BS EN/EN 62368-3	Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports
IEC 60065	Audio, video and similar electronic apparatus - Safety requirements
IEC 60335-1	Household and similar electrical appliances safety part 1- general requirements (Exclusion: 22.32 Construction – aging of components in pure oxygen pressurized ambient, 32 Radiation and toxicity and similar hazard)
IEC 60335-2-2	Household and similar electrical appliances – Safety – part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
IEC 60335-2-3	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
IEC 60335-2-5	Household and similar electrical appliances – Safety – part 2-5: Particular requirements for dishwashers
IEC 60335-2-6	Household and similar electrical appliances – safety – part 2-6: particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
IEC 60335-2-7	Household and similar electrical appliances – Safety – part 2-7: Particular requirements for washing machines
IEC 60335-2-8	Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

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IEC 60335-2-9	Household and similar electrical appliances – safety – part 2-9: particular requirements for grills, toasters and similar portable cooking appliances
IEC 60335-2-10	Household and similar electrical appliances – Safety – part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines
IEC 60335-2-11	Household and similar electrical appliances – Safety – part 2-11: Particular requirements for tumble dryers
IEC 60335-2-12	Household and similar electrical appliances – Safety – part 2-12: Particular requirements for warming plates and similar appliances
IEC 60335-2-13	Household and similar electrical appliances – safety – part 2-13: particular requirements for deep fat fryers, frying pans and similar appliances
IEC 60335-2-14	Household and similar electrical appliances – Safety – Part 2.14: Particular requirements for kitchen machines
IEC 60335-2-15	Household and similar electrical appliances – Safety – Part 2.15: Particular requirements for appliances for heating liquids
IEC 60335-2-17	Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances
IEC 60335-2-21	household and similar electrical appliances – safety – part 2-21: particular requirements for storage water heaters
IEC 60335-2-23	Household and similar electrical appliances – Safety – Part 2.23: Particular requirements for appliances for skin or hair care
IEC 60335-2-29	Household and similar electrical appliances – Safety – part 2-29: Particular requirements for battery chargers
IEC 60335-2-30	Household and similar electrical appliances – safety – part 2-30: particular requirements for room heaters
IEC 60335-2-31	Household and similar electrical appliances – safety – part 2-31: particular requirements for range hoods and other cooking fume extractors
IEC 60335-2-32	Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances
IEC 60335-2-35	household and similar electrical appliances – safety – part 2-35: particular requirements for instantaneous water heaters
IEC 60335-2-36	Household and similar electrical appliances – safety – part 2-36: particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements
IEC 60335-2-38	Household and similar electrical appliances – safety – part 2-38: particular requirements for commercial electric griddles and griddle grills
IEC 60335-2-40	Household and similar electrical appliances – Safety – part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
IEC 60335-2-41	Household and similar electrical appliances – Safety – part 2-41:

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	Particular requirements for pumps
IEC 60335-2-42	Household and similar electrical appliances – safety – part 2-42: particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens
IEC 60335-2-43	Household and similar electrical appliances – Safety – part 2-43: Particular requirements for clothes dryers and towel rails
IEC 60335-2-45	Household and similar electrical appliances – Safety – part 2-45: Particular requirements for portable heating tools and similar appliances
IEC 60335-2-48	Household and similar electrical appliances – safety – part 2-48: particular requirements for commercial electric grillers and toasters
IEC 60335-2-52	Household and similar electrical appliances – Safety – part 2-52: Particular requirements for oral hygiene appliances
IEC 60335-2-54	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam
IEC 60335-2-59	Household and similar electrical appliances – Safety – Part 2-59: Particular requirements for insect killers
IEC 60335-2-60	Household and similar electrical appliances – Safety – part 2-60: Particular requirements for whirlpool baths and whirlpool spas
IEC 60335-2-64	Household and similar electrical appliances – Safety – part 2-64: Particular requirements for commercial electric kitchen machines
IEC 60335-2-65	Household and similar electrical appliances – Safety – Part 2-65: particular requirements for air-cleaning appliances
IEC 60335-2-69	Household and similar electrical appliances – Safety – part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use
IEC 60335-2-74	Household and similar electrical appliances – Safety – part 2-74: Particular requirements for portable immersion heaters
IEC 60335-2-75	Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines
IEC 60335-2-78	Household and similar electrical appliances – safety – part 2-78: particular requirements for outdoor barbecues
IEC 60335-2-80	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans
IEC 60335-2-81	Household and similar electrical appliances – Safety – part 2-81: Particular requirements for foot warmers and heating mats
IEC 60335-2-85	Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers

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IEC 60335-2-98	Household and similar electrical appliances – Safety – Part 2-98: Particular requirements for humidifiers
IEC 60335-2-101	Household and similar electrical appliances – Safety – part 2-101: Particular requirements for vaporizers
IEC 60335-2-102	Household and similar electrical appliances – safety – part 2-102: particular requirements for gas, oil and solid-fuel burning appliances having electrical connections
IEC 60335-2-105	Household and similar electrical appliances – Safety – part 2-105: Particular requirements for multifunctional shower cabinets
IEC 60335-2-109	Household and similar electrical appliances – Safety – part 2-109: Particular requirements for UV radiation water treatment appliances
IEC 60350-2	Household electric cooking appliances – Part 2: Hobs – Methods for measuring performance
IEC 60950-1	Information technology equipment-safety-Part 1: General requirements
IEC 62301	Electrical and electronic household and office equipment – Measurement of low power consumption
IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
IEC 62368-3	Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports
<b>Electrical Components</b>	
AS/NZS 60730.1	Automatic electrical controls – Part 1: General requirements
AS/NZS 60730.2.5	Automatic electrical controls for household and similar use – Part 2.5: Particular requirements for automatic electrical burner control systems
AS/NZS 61558.1	Safety of transformers, reactors, power supply units and combinations thereof – Part 1: General requirements and tests
AS/NZS 61558.2.6	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2.6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers
AS/NZS 61558.2.16	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2.16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units
IEC/EN/BS EN 60730-1	Automatic electrical controls – Part 1: General requirements
IEC/EN/BS EN 60730-2-5	Automatic electrical controls for household and similar use – Part 2-5: Particular requirements for automatic electrical burner control systems
IEC/EN/BS EN 61558-1	Safety of transformers, reactors, power supply units and combinations thereof – Part 1: General requirements and tests

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IEC/EN/BS EN 61558-2-6	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers
IEC/EN/BS EN 61558-2-16	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units
<b>Electromagnetic Compatibility</b>	
AS/NZS 61000.3.2	Electromagnetic compatibility (EMC) – Part 3.2: Limits – Limits for harmonic current emissions (equipment input <16 A per phase)
AS/NZS 61000.3.3	Electromagnetic compatibility (EMC) – Part 3.3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <16 A per phase and not subject to conditional connection
AS/NZS 61000.4.2	Electromagnetic compatibility (EMC) – Part 4.2: Testing and measurement techniques – Electrostatic discharge immunity test
AS/NZS 61000.4.4	Electromagnetic compatibility (EMC) – Part 4.4: Testing and measurement technique Electrical fast transient/burst immunity test
AS/NZS 61000.4.5	Electromagnetic compatibility (EMC) – Part 4.5: Testing and measurement techniques – Surge immunity test
AS/NZS 61000.4.6	Electromagnetic compatibility (EMC) – Part 4.6: Testing and measurement technique Immunity to conducted disturbance, induced by radio frequency fields
AS/NZS 61000.4.8	Electromagnetic compatibility (EMC) – Part 4.8: Testing and measurement techniques – Power frequency magnetic field immunity test
AS/NZS 61000.4.11	Electromagnetic compatibility (EMC) – Part 4.11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests PROVISIONAL
AS/NZS 61000.4.13	Electromagnetic compatibility (EMC) – Part 4.13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests
AS/NZS CISPR 14.1	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission
AS/NZS CISPR 14.2	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard
BS EN/EN/ EN IEC 55014-1	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission
BS EN/EN/EN IEC 55014-2	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard
CISPR 14-1	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission

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CISPR 14-2	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard
IEC/EN/BS EN/EN IEC 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input <16 A per phase)
IEC/EN/BS EN/EN IEC 61000-3-3	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <16 A per phase and not subject to conditional connection
IEC/EN/BS EN/EN IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test
IEC/EN/BS EN/EN IEC 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement technique Electrical fast transient/burst immunity test
IEC/EN/BS EN/EN IEC 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test
IEC/EN/BS EN/EN IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement technique Immunity to conducted disturbance, induced by radio frequency fields
IEC/EN/BS EN/EN IEC 61000-4-8	Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity test
IEC/EN/BS EN/EN IEC 61000-4-11	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests PROVISIONAL
IEC/EN/BS EN/EN IEC 61000-4-13	Electromagnetic compatibility (EMC) – Part 4-13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests
IEC/EN/BS EN/AS/NZS 62233	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
<b>Plumbing Products and Sanitaryware</b>	
AS 4032.1	Water supply – valves for the control of heated water supply temperatures part 1: thermostatic mixing valves – material design and performance requirements
AS/NZS 3718	Water supply - tap ware
ASME A112.18.1	Plumbing supply fittings
CSA B125.1	Plumbing supply fittings
SASO 2655	Sanitary appliances: general requirements and methods of test for plumbing fixture fittings
SASO 2656	Sanitary appliances – Method of test for plumbing fixture fittings
TCS 1111.1	Type of test – closure
TCS 1111.5	Type of test – Leaktightness test
TCS 1111.7	Type of test – closure diverter

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TCS 1111.8	Type of test – closure under high downstream pressure
TCS 1111.11	Type of test – closure under low downstream pressure
TCS 1112.1	Type of test – porosity
TCS 1113.1	Type of test – joint effectiveness
TCS 1211.2	Type of test – endurance
TCS 1211.3	Type of test – endurance
TCS 1211.5	Type of test – endurance test
TCS 1211.14	Type of test – endurance
TCS 1211.21	Type of test – Endurance
TCS 1412.1	Type of test – corrosion protection
TCS 1611.5	Type of test – means for connection and disconnection
TCS 1611.8	Type of test – visual inspection – seal to be readily renewable
TCS 1611.10	Type of test – visual inspection – means of operation
TCS 1611.11	Type of test – visual inspection – means of renewing seat and washer, or seal and washer, if so required
TCS 2211.3	Type of test – contamination mixing of primary and secondary
TCS 2213.18	Type of test – dimensional
TCS 2213.19	Type of test – dimensional

