

## TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards

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### Gas (Safety and Measurement) Regulations – Schedule 1

1. This document identifies the current status of gas codes of practice and official standards specified in Schedule 1 of the Gas (Safety and Measurement) Regulations 2010 — as discussed with MBIE on 5 March 2019.
2. GSMR Schedule 1 specifies the codes and standards referred to in the body of these regulations.
3. Schedule 1 was last updated on 31 July 2014, by regulation 27 of the Gas (Safety and Measurement) Amendment Regulations 2014 (LI 2014/205).
4. This document does not identify whether any of these standards or codes are at present under review, or scheduled for review.
5. The only significant issue with citation that may need to be checked is with NZS 5258. This standard is past the date by which it should be reviewed. Its successor standard is AS/NZS 4645 (in three parts) and consideration should be given to removal of citation. NZS 5258 is cited in GSMR 25, 26, 27 & 33 but the only unique citation is in GSMR 33(f) where it is used to specify KPIs for safety management systems. The latest edition of AS/NZS 4645.1 contains a set of recommended KPIs. The question is whether AS/NZS 4645.1 Appendix K *Annualised gas industry key performance measures – Networks* can replace NZS 5258 Appendix F *Examples of performance* indicators.
6. One other point of interest is that ISO/IEC Guide 67 has been replaced by a standard ISO/IEC 17067. This standard sets the fundamentals of product certification and certification bodies work to it and are assessed against it so it makes sense to recognise the current standard.

### Impacts

In general, adopting the latest version of a referenced standard in the list of proposed amendments will only have minor impacts, but some proposed updates may have a considerable impact. We have, therefore graded the proposed list of amendments into three colours, according to our understanding of the potential impact:

- Green = no impact because there is no change to the standard.
- Blue = minimal impact as we are updating the standard to the latest version.
- Yellow = potential impact from new or different requirements.
- No colour = any proposed new standard.

### Gas codes of practice

Abbreviations used in regulations	Full title	Latest edition	Version to be cited in 2019 update Suggested transitions	Actions
GCP 2	New Zealand Gas Code of Practice for Maintenance and Safety of CNG Refuelling Stations (NZ GCP 2:1993) issued by the Secretary on 2 February 1993, and approved by the Minister of Energy on 18 March 1993	Current code is cited	GCP 2  New Zealand Gas Code of Practice for Maintenance and Safety of CNG Refuelling Stations (NZ GCP 2:1993) issued by the Secretary on 2 February 1993, and approved by the Minister of Energy on 18 March 1993  No change	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Official standards

Abbreviations used in regulations	Full title	Latest edition	Version to be cited in 2019 update Suggested transitions	Actions
AS/NZS 4645	New Zealand Standard known as AS/NZS 4645:2008 (Gas distribution networks Parts 1, 2, and 3) including Amendments 1, 2, and A	Cited 2008 edition of standard is superseded  Revised standards are:  AS/NZS 4645.1:2018 <i>Gas distribution networks - Network management</i>  AS/NZS 4645.2:2018 <i>Gas distribution networks - Steel pipe systems</i>  AS/NZS 4645.3:2018 <i>Gas distribution networks - Plastics pipe systems</i>	AS/NZS 4645:2018  Gas distribution networks Parts 1, 2, and 3  Immediate transition to latest standard	
AS/NZS 5601.1–2013	New Zealand Standard known as AS/NZS 5601.1:2013 (Gas installations—Part 1: General installations)	Two amendments to cited edition of standard since citation  AS/NZS 5601.1:2013/Amendment 3:2020 Gas installations – General installations  AS/NZS 5601.1:2013/Amendment 4:2020 Gas installations – General installations	AS/NZS 5601.1:2013/Amendment 3:2020 Gas installations – General installations  AS/NZS 5601.1:2013/Amendment 4:2020 Gas installations – General installations  Immediate transition to latest standard	
AS/NZS 5601.2–2013	New Zealand Standard known as AS/NZS5601.2:2013 (Gas installations—Part 2: LP Gas installations in caravans and boats for non-propulsive purposes)	Cited 2013 edition of standard is superseded  Revised standard is:  AS/NZS 5601.2:2020  <i>Gas installations – LP Gas installations in caravans and boats for non-propulsive purposes</i>	AS/NZS 5601.2:2020  <i>Gas installations – LP Gas installations in caravans and boats for non-propulsive purposes</i>  Immediate transition to latest standard	Introduces a requirement for a data plate to be displayed on exterior of installation. This could introduce a compliance cost.
AS/NZS 60079.10.1:2009	New Zealand Standard known as AS/NZS 60079.10.1:2009 (Explosive atmospheres—Classification of areas—Explosive gas atmospheres) including amendment 1	Cited standard is current  AS/NZS 60079.10.1:2009 <i>Explosive atmospheres - Classification of areas - Explosive gas atmospheres</i>	AS/NZS 60079.10.1:2009  New Zealand Standard known as AS/NZS 60079.10.1:2009 (Explosive atmospheres—Classification of areas—Explosive gas atmospheres) including Amendment 1  No change	
AS/NZS 60079.10.2:2011	New Zealand Standard known as AS/NZS 60079.10.2:2011 (Explosive atmospheres—Classification of areas—Combustible dust atmospheres)	Cited 2011 edition of standard is superseded  Revised standard is:  AS/NZS 60079.10.2:2016 <i>Explosive atmospheres - Part 10.2: Classification of areas - Explosive dust atmospheres</i>	AS/NZS 60079.10.2:2016  Explosive atmospheres - Part 10.2: Classification of areas -Combustible dust atmospheres  Immediate transition to latest standard	
ISO/IEC Guide 67:2004	International Organization for Standardization Standard known as ISO/IEC Guide 67:2004 (Conformity assessment—Fundamentals of product certification)	Cited 2004 edition of guide is superseded by ISO/IEC 17067:2013  New Zealand adoption: AS/NZS ISO/IEC 17067:2015 <i>Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes</i>  Identical to and reproduced from ISO/IEC 17067:2013.	AS/NZS ISO/IEC 17067:2015  Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes  Immediate transition to latest standard	
AS/NZS ISO/IEC 17020	International Organization for Standardization Standard known as ISO/IEC 17020:2013 (Conformity assessment—Requirements for the operation of various types of bodies performing inspection)	Cited standard is current – ISO website notes 'This standard was last reviewed and confirmed in 2017. Therefore this version remains current.'  ISO/IEC 17020:2012 <i>Conformity assessment -- Requirements for the operation of various types of bodies performing inspection</i>  AS/NZS ISO/IEC 17020:2013 <i>Conformity assessment - Requirements for the operation of various types of bodies performing inspection</i> is identical to and reproduced from ISO/IEC 17020:2012.	AS/NZS ISO/IEC 17020:2013  Conformity assessment - Requirements for the operation of various types of bodies  No change	

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AS/NZS ISO/IEC 17025	International Organization for Standardization Standard known as ISO/IEC 17025:2005 (General requirements for the competence of testing and calibration laboratories)	Cited 2005 edition of standard ISO/IEC 17025:2005 has been revised by: ISO/IEC 17025:2017 <i>General requirements for the competence of testing and calibration laboratories</i> Current NZ adoption is: NZS ISO/IEC 17025:2018 <i>General requirements for the competence of testing and calibration laboratories</i> NZS ISO/IEC 17025:2018 is identical to and reproduced from ISO/IEC 17025:2017.	NZS ISO/IEC 17025:2018 General requirements for the competence of testing and calibration laboratories Immediate transition to latest standard	
NZS 5255	New Zealand Standard known as NZS 5255:2014 (Safety verification of existing gas installations)	Cited standard is current NZS 5255:2014 <i>Safety verification of existing gas installations</i>	NZS 5255:2014 Safety verification of existing gas installations No change	
NZS 5256	New Zealand Standard known as NZS 5256:2014 (Verification of safety of gas appliances)	Cited standard is current 5256:2014 <i>Verification of safety of gas appliances</i>	NZS 5256:2014 Verification of safety of gas appliances No change	
NZS 5258	New Zealand Standard known as NZS 5258:2003 (Gas distribution networks) subject to the variation that references in this standard to AS/NZS 1596:2002 (Storage and handling of LP gas) must be read as references to AS/NZS 1596:2008 (Storage and handling of LP gas)	Cited standard is current but its content is out of date compared with the latest edition of AS/NZS 4645. NZS 5258:2003 <i>Gas distribution networks</i>	Propose to remove from regs [(25), (26), (27), (33)] and schedule 1 for purposes of establishing KPIs Ask industry if still need the standard to specify KPIs for a safety management system.	Assess possible significant implications of proposal – referred to in regs [(25), (26), (27), (33)] WorkSafe has signalled to industry this is our of date with AS.NZS4645 and no longer maintained
NZS 5259	New Zealand Standard known as NZS 5259:2004 (Gas measurement)	Cited 2004 edition of standard is superseded Current standard: NZS 5259:2015 <i>Gas measurement</i>	NZS 5259:2015 Gas measurement Immediate transition to latest standard	
NZS 5263	New Zealand Standard known as NZS 5263:2003 (Gas detection and odourisation)	Cited standard is current NZS 5263:2003 <i>Gas detection and odourisation</i>	NZS 5263:2003 Gas detection and odourisation No change	
NZS 5266	New Zealand Standard known as NZS 5266 (Int):2012 (Safety of gas appliances)	Cited 2012 interim standard is superseded Current standard is: NZS 5266:2014 <i>Safety of gas appliances</i>	NZS 5266:2014 Safety of gas appliances Immediate transition to latest standard	
NZS 5425.1	New Zealand Standard known as NZS 5425.1:1994 (Code of practice for CNG compressor and refuelling stations—on site storage and location of equipment)	Cited standard is current NZS 5425.1:1994 <i>Code of practice for CNG compressor and refuelling stations - On site storage and location of equipment</i>	NZS 5425.1:1994 Code of practice for CNG compressor and refuelling stations - On site storage and location of equipment No change	
NZS 5425.2	New Zealand Standard known as NZS 5425.2:1996 (Code of practice for CNG compressor and refuelling stations—compressor equipment)	Cited standard is current NZS 5425.2:1996 <i>Code of practice for CNG compressor and refuelling stations - Compressor equipment</i>	NZS 5425.2:1996 Code of practice for CNG compressor and refuelling stations - Compressor equipment No change	
NZS 5425.3	New Zealand Standard known as NZS 5425.3 (Code of practice for CNG compressor and refuelling stations—metering devices)	Cited standard is current – in three sub-parts NZS 5425.3.1P:1985 <i>Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.1P Metering method using tables and calculator programme</i> NZS 5425.3.2:1984 <i>Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.2 Installation and operation of on-line metering devices</i>	NZS 5425.3.1P:1985 Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.1P Metering method using tables and calculator programme NZS 5425.3.2:1984 Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.2 Installation and operation of on-line	Citing has changed for a single standard to 3 subparts of the standard, with different dates. Plus inclusion of amendments on 2 subparts.

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		Note: Includes NZS 5425.3.2:1984 A1, published 30/07/1996 NZS 5425.3.3:1984 <i>Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.3 Requirements for type approval of on-line metering devices</i> Note: Includes NZS 5425.3.3:1984 A1, published 30/03/1993	metering devices including Amendment 1 NZS 5425.3.3:1984 Code of practice for CNG compressor and refuelling stations - Metering devices - Division 3.3 Requirements for type approval of on-line metering devices including Amendment 1  No change	
NZS 5425.4	New Zealand Standard known as NZS 5425.4:1994 (Code of practice for CNG compressor and refuelling stations—CNG trickle-fill stations on commercial and industrial premises)	Cited standard is current NZS 5425.4:1994 <i>Code of practice for CNG compressor and refuelling stations - CNG trickle fill stations on commercial and industrial premises</i> Includes NZS 5425.4:1994 A1, published 29/04/1995	NZS 5425.4:1994 Code of practice for CNG compressor and refuelling stations - CNG trickle fill stations on commercial and industrial premises, including Amendment 1  No change	Inclusion of amendment
NZS 5435	New Zealand Standard known as NZS 5435:1996 (Specification for liquefied petroleum gas (LPG))	Cited standard is current NZS 5435:1996 <i>Specification for liquefied petroleum gas (LPG)</i> Incorporates amendment NZS 5435:1996 A1, Published 30/10/2008	NZS 5435:1996 Specification for liquefied petroleum gas (LPG) including Amendment 1  No change	
NZS 5442	New Zealand Standard known as NZS 5442:2008 (Specification for reticulated natural gas)	Cited standard is current NZS 5442:2008 <i>Specification for reticulated natural gas</i>	NZS 5442:2008 Specification for reticulated natural gas  No change	
NZS 7901	New Zealand Standard known as NZS 7901:2008 (Electricity and gas industries—safety management systems for public safety)	Superseded  Current standard - NZS 7901:2014 <i>Electricity and gas industries – Safety management systems for public safety</i>	NZS 7901:2014  Electricity and gas industries – Safety management systems for public safety  Immediate transition to latest standard	
NZS/AS 3645	New Zealand Standard known as NZS/AS 3645:2012 (Essential requirements for gas equipment Part 1 and Part 2)	Cited standard is current in two parts: NZS/AS 3645.1:2012 <i>Essential requirements for gas equipment - Part 1: Essential safety</i> NZS/AS 3645.2:2012 <i>Essential requirements for gas equipment - Part 2: Certification</i>	NZS/AS 3645:2012  Essential requirements for gas equipment Part 1 and Part 2  No change	
CSA 22.2.46:2013	Canadian Standards Association standard known as CSA 22.2.46:2013 (Electric air heaters)	Cited standard is current  Current, reconfirmed 2018 (This is the 9 <sup>th</sup> edition). CSA website catalogue identifies it as CSA C22.2 No. 46-13 (R2018) <i>Electric Air-Heaters</i>	CSA C22.2 No. 46-13 (R2018)  Electric Air-Heaters  Immediate transition to latest standard	
UL 499 Ed.13 (2005)	UL Standard known as UL 499 Ed.13(2005)—Safety Electric Heating Appliances	Cited edition 13 (2005) of standard is superseded  Latest edition is  UL 499 <i>Standard for Electric Heating Appliances</i> Edition 14, date 2014-11-07	UL 499 Ed.14 (2014)  Standard for Electric Heating Appliances  Immediate transition to latest standard	
UL 130 Ed.13 (2011)	UL Standard known as UL 130 Ed.13 (2011)—Standard for Electric Heating Pads	Cited standard is current  UL 130 <i>Standard for Electric Heating Pads</i> Edition 13, date 2011-07-15	UL 130 Ed.13 (2011)  Standard for Electric Heating Pads  No change	

## TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards

### Gas (Safety and Measurement) Regulations S2A 2 – European regime

#### General

1. This document identifies the current status of standards specified in Schedule 2A Clause 2 of the Gas (Safety and Measurement) Regulations 2010 — as at 12 February 2019. Appendix 1 contains the text of this Clause.
2. GSMR Schedule 2A sets out the requirements for gas appliances certification in accordance with GSMR 55. Schedule 2A Clause 1 specifies the bodies recognised for the purpose of certification. Schedule 2A Clauses 2, 3 & 4 identify specific standards and conditions that are applicable to certification by particular bodies – working under European, North American and Australian bodies identified in Clause 1, respectively.
3. Schedule 2A Clause 2 sets out the standards and conditions applying to certification by bodies working within EU Directive 2009/142/EC or EU Directive 90/396/ECC.
4. The whole of GSMR Schedule 2A was last updated on 31 July 2014, by regulation 28 of the Gas (Safety and Measurement) Amendment Regulations 2014 (LI 2014/205).
5. This document does not comprehensively identify whether any of these standards are at present under review, or scheduled for review.

#### European gas appliance regime

6. An overhaul of the European gas appliance regime resulted in the Gas Appliances Regulation (Regulation (EU) 2016/426<sup>1</sup>) replacing EU Directive 2009/142/EC. The earlier (EU Directive 90/396/ECC had previously been superseded by Directive 2009/142/EC). The new European regime applies a more rigorous level of scrutiny to the conformity of product.
7. When the Gas Appliances Regulation (GAR) took full effect on 20 April 2018 it ceased the certification of appliances under Directive 2009/142/EC. The effect of this is product entering the New Zealand marked that is certified to either the Directive or the GAR is not formally recognised for the purposes of GSMR 55.
8. We therefore recommend that both Clause 2A 1 and Clause 2A 2(1) be updated to recognise the current European GAR.

#### Recognised European standards

9. Schedule 2A Clause 2(6) and 2(7) cite recognised European Standards for the purposes of GSMR 55. Under the European standards system the European standards body CEN develops standards which are then adopted (implemented) by each member body. For example the water heater standard EN 26:2015 is published for the UK as BS EN 26:2015 and for Germany as DIN EN 26: 2015. In general the national implementations vary little from the EN, this system enables national standards to address any local matters (for example variations in gas type).
10. We do not propose to amend the conditions set in S2A Clause 2(2) which specify elements that are critical to ensure suitability for New Zealand conditions.
11. We do not propose to modify the mechanism set out in S2A Clause 2(3) to 2(5) to recognise national standards that implement European standards.
12. Many of the standards identified in S2A Clauses 2(6) and 2(7) have been revised, withdrawn and replaced with a later edition.
13. and Table 2 below identify the status of cited standards and the current edition of each standard. These tables are in numerical order to enable to better group standards together.

**Table 1 - General requirements standards - Schedule 2A Clause 2(6)**

Reference n GSMR S 2A (2)(6)	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
Domestic cooking appliances burning gas – Safety – General  Standard A	EN 30-1-1:2008+A1:2010 Domestic cooking appliances burning gas - Part 1-1: Safety – General  Current standard	EN 30-1-1:2008+A1:2010 Domestic cooking appliances burning gas - Part 1-1: Safety – General  <a href="#">BS EN 30-1-1:2008</a> +A3:2013 Domestic cooking appliances burning gas. Safety. General	EN 30-1-1:2008+A1:2010  Domestic cooking appliances burning gas - Part 1-1: Safety – General  <a href="#">BS EN 30-1-1:2008</a> +A3:2013  Domestic cooking appliances burning gas. Safety. General  No change	
Gas heated catering equipment –	EN 203-1:2005+A1:2008 Gas heated catering equipment - Part 1: General safety rules	EN 203-1:2014/AC:2016  <a href="#">BS EN 203-1:2014</a> Gas heated catering equipment. General safety rules	EN 203-1:2014/AC:2016  <a href="#">BS EN 203-1:2014</a> Gas heated catering	

<sup>1</sup> See [https://ec.europa.eu/growth/sectors/pressure-gas/gas-appliances/regulation\\_en](https://ec.europa.eu/growth/sectors/pressure-gas/gas-appliances/regulation_en).

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General safety rules <b>Standard B</b>	Superseded standard		equipment. General safety rules Immediate transition to latest standard	
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**Analysis of standards cited in Schedule 2A Clause 2(7)**

For the purposes of analysis this table is sorted in order of EN standard reference

Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
Gas-fired instantaneous water heaters	EN 26:1997 Gas-fired instantaneous water heaters for sanitary uses production, fitted with atmospheric burners (Including Corrigendum 1998)  Superseded standard	<a href="#">EN 26:2015</a> Gas-fired instantaneous water heaters for the production of domestic hot water  <a href="#">BS EN 26:2015</a> . Gas-fired instantaneous water heaters for the production of domestic hot water.	<a href="#">EN 26:2015</a> Gas-fired instantaneous water heaters for the production of domestic hot water  <a href="#">BS EN 26:2015</a> . Gas-fired instantaneous water heaters for the production of domestic hot water.  Immediate transition to latest standard	
General domestic cooking appliances	EN 30-1-1:2008 + A3:2013 Domestic cooking appliances burning gas—Part 1-1: Safety—General  Current standard	<a href="#">EN 30-1-1:2008+A3:2013</a> Domestic cooking appliances burning gas - Part 1-1: Safety - General  <a href="#">BS EN 30-1-1:2008+A3:2013</a> Domestic cooking appliances burning gas. Safety. General	<a href="#">EN 30-1-1:2008+A3:2013</a> Domestic cooking appliances burning gas - Part 1-1: Safety - General  <a href="#">BS EN 30-1-1:2008+A3:2013</a> Domestic cooking appliances burning gas. Safety. General  No change	
Appliances having forced-convection ovens and/or grills	EN 30-1-2:2012 Domestic cooking appliances burning gas. Safety. Appliances having forced-convection ovens and/or grills  In conjunction with Standard A  Current standard	<a href="#">EN 30-1-2:2012</a> Domestic cooking appliances burning gas - Safety - Part 1-2: Appliances having forced-convection ovens and/or grills  <a href="#">BS EN 30-1-2:2012</a> Domestic cooking appliances burning gas. Safety. Appliances having forced-convection ovens and/or grills	<a href="#">EN 30-1-2:2012</a> Domestic cooking appliances burning gas - Safety - Part 1-2: Appliances having forced-convection ovens and/or grills  <a href="#">BS EN 30-1-2:2012</a> Domestic cooking appliances burning gas. Safety. Appliances having forced-convection ovens and/or grills  No change	
Appliances having a glass ceramic hotplate  In conjunction with Standard A	EN 30-1-3:2003 + A1:2006 Domestic cooking appliances burning gas. Safety. Appliances having a glass ceramic hotplate  Current standard	<a href="#">EN 30-1-3:2003+A1:2006</a> Domestic cooking appliances burning gas - Part 1-3: Safety - Appliances having a glass ceramic hotplate  <a href="#">BS EN 30-1-3:2003</a> Domestic cooking appliances burning gas. Safety. Appliances having a glass ceramic hotplate (includes amendments)	<a href="#">EN 30-1-3:2003+A1:2006</a> Domestic cooking appliances burning gas - Part 1-3: Safety - Appliances having a glass ceramic hotplate  <a href="#">BS EN 30-1-3:2003</a> Domestic cooking appliances burning gas. Safety. Appliances having a glass ceramic hotplate (includes amendments)  No change	
Appliances having 1 or more burners with an automatic burner control system	EN 30-1-4:2012 Domestic <i>cooking</i> appliances burning gas. Safety. Appliances having one or more burners with an automatic burner control system  In conjunction with Standard A  Current standard	<a href="#">EN 30-1-4:2012</a> Domestic cooking appliances burning gas - Safety - Part 1-4: Appliances having one or more burners with an automatic burner control system  <a href="#">BS EN 30-1-4:2012</a> Domestic cooking appliances burning gas. Safety. Appliances having one or more burners with an automatic burner control system	<a href="#">EN 30-1-4:2012</a> Domestic cooking appliances burning gas - Safety - Part 1-4: Appliances having one or more burners with an automatic burner control system  <a href="#">BS EN 30-1-4:2012</a> Domestic cooking appliances burning gas. Safety. Appliances having one or more burners with an automatic burner control system  No change	
Gas-fired storage water heaters	EN 89:1999 Gas-fired storage water heaters for the production of domestic hot water  Superseded standard	<a href="#">EN 89:2015</a> Gas-fired storage water heaters for the production of domestic hot water	<a href="#">EN 89:2015</a> Gas-fired storage water heaters for the production of domestic hot water	

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Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
		<a href="#">BS EN 89:2015</a> Gas-fired storage water heaters for the production of domestic hot water	<a href="#">BS EN 89:2015</a> Gas-fired storage water heaters for the production of domestic hot water  Immediate transition to latest standard	
General gas heated catering equipment	EN 203-1:2005 + A1:2008 Gas heated catering equipment—Part 1: General safety rules  Superseded standard	<a href="#">EN 203-1:2014</a> Gas heated catering equipment - Part 1: General safety rules  EN 203-1:2014/ <a href="#">AC:2016</a>  <a href="#">BS EN 203-1:2014</a> Gas heated catering equipment. General safety rules	<a href="#">EN 203-1:2014</a> Gas heated catering equipment - Part 1: General safety rules  EN 203-1:2014/ <a href="#">AC:2016</a>  <a href="#">BS EN 203-1:2014</a> Gas heated catering equipment. General safety rules  Immediate transition to latest standard	
Open burners and wok burners	EN 203-2-1:2005 Gas heated catering equipment. Specific requirements. Open burners and wok burners  In conjunction with Standard B	<a href="#">EN 203-2-1:2014</a> Gas heated catering equipment - Part 2-1: Specific requirements - Open burners and wok burners  <a href="#">BS EN 203-2-1:2014</a> Gas heated catering equipment. Specific requirements. Open burners and wok burners	<a href="#">EN 203-2-1:2014</a> Gas heated catering equipment - Part 2-1: Specific requirements - Open burners and wok burners  <a href="#">BS EN 203-2-1:2014</a> Gas heated catering equipment. Specific requirements. Open burners and wok burners  Immediate transition to latest standard	
Ovens	EN 203-2-2:2006 Gas heated catering equipment. Specific requirements. Ovens  In conjunction with Standard B  Current standard	<a href="#">EN 203-2-2:2006</a> Gas heated catering equipment - Part 2-2: Specific requirements – Ovens  <a href="#">BS EN 203-2-2:2006</a> Gas heated catering equipment. Specific requirements. Ovens	<a href="#">EN 203-2-2:2006</a> Gas heated catering equipment - Part 2-2: Specific requirements – Ovens  <a href="#">BS EN 203-2-2:2006</a> Gas heated catering equipment. Specific requirements. Ovens  No change	
Boiling pans	EN 203-2-3:2005 Gas heated catering equipment Part 2.3. Specific requirements—Boiling pans  In conjunction with Standard B  Superseded standard	<a href="#">EN 203-2-3:2014</a> Gas heated catering equipment - Part 2-3: Specific requirements - Boiling pans  <a href="#">BS EN 203-2-3:2014</a> Gas heated catering equipment. Specific requirements. Boiling pans	<a href="#">EN 203-2-3:2014</a> Gas heated catering equipment - Part 2-3: Specific requirements - Boiling pans  <a href="#">BS EN 203-2-3:2014</a> Gas heated catering equipment. Specific requirements. Boiling pans  Immediate transition to latest standard	
Fryers	EN 203-2-4:2005 Gas heated catering equipment. Specific requirements. Fryers  In conjunction with Standard B  Current standard	<a href="#">EN 203-2-4:2005</a> Gas heated catering equipment - Part 2-4: Specific requirements – Fryers  <a href="#">BS EN 203-2-4:2005</a> Gas heated catering equipment. Specific requirements. Fryers	<a href="#">EN 203-2-4:2005</a> Gas heated catering equipment - Part 2-4: Specific requirements – Fryers  <a href="#">BS EN 203-2-4:2005</a> Gas heated catering equipment. Specific requirements. Fryers  No change	
Hot water heaters for beverage	EN 203-2-6:2005 Gas heated catering equipment. Specific requirements  Current standard	<a href="#">EN 203-2-6:2005</a> Gas heated catering equipment - Part 2-6: Specific requirements - Hot water heaters for beverage  <a href="#">BS EN 203-2-6:2005</a> Gas heated catering equipment. Specific requirements. Hot water heaters for beverage	<a href="#">EN 203-2-6:2005</a> Gas heated catering equipment - Part 2-6: Specific requirements - Hot water heaters for beverage  <a href="#">BS EN 203-2-6:2005</a> Gas heated catering equipment. Specific requirements. Hot water heaters for beverage  No change	
Salamanders and rotisseries	EN 203-2-7:2007 Gas heated catering equipment. Specific requirements. Salamanders and rotisseries  In conjunction with Standard B  Superseded standard	<a href="#">EN 203-2-7:2014</a> Gas heated catering equipment - Part 2-7: Specific requirements - Salamanders and rotisseries  <a href="#">BS EN 203-2-7:2014</a> Gas heated catering equipment. Specific requirements. Salamanders and rotisseries	<a href="#">EN 203-2-7:2014</a> Gas heated catering equipment - Part 2-7: Specific requirements - Salamanders and rotisseries  <a href="#">BS EN 203-2-7:2014</a> Gas heated catering equipment. Specific requirements. Salamanders and rotisseries	

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Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
			Immediate transition to latest standard	
Brat pans and paella cookers	EN 203-2-8:2005 Gas heated catering equipment Part 2.8. Specific requirements—Brat pans and paella cookers  In conjunction with Standard B  Superseded standard	<a href="#">EN 203-2-8:2016</a> Gas heated catering equipment - Part 2-8: Specific requirements - Brat pans and paella cookers  <a href="#">BS EN 203-2-8:2005</a> Gas heated catering equipment. Specific requirements. Brat pans and paella cookers	<a href="#">EN 203-2-8:2016</a> Gas heated catering equipment - Part 2-8: Specific requirements - Brat pans and paella cookers  <a href="#">BS EN 203-2-8:2005</a> Gas heated catering equipment. Specific requirements. Brat pans and paella cookers  Immediate transition to latest standard	
Solid tops, warming plates, and griddles	EN 203-2-9:2005 Gas heated catering equipment. Specific requirements. Solid tops, warming plates and griddles  In conjunction with Standard B  Current standard	<a href="#">EN 203-2-9:2005</a> Gas heated catering equipment - Part 2-9: Specific requirements - Solid tops, warming plates and griddles  <a href="#">BS EN 203-2-9:2005</a> Gas heated catering equipment. Specific requirements. Solid tops, warming plates and griddles	<a href="#">EN 203-2-9:2005</a> Gas heated catering equipment - Part 2-9: Specific requirements - Solid tops, warming plates and griddles  <a href="#">BS EN 203-2-9:2005</a> Gas heated catering equipment. Specific requirements. Solid tops, warming plates and griddles  No change	
Chargrills	EN 203-2-10:2007 Gas heated catering equipment Part 2.10. Specific requirements—Chargrills  In conjunction with Standard B  Current standard	<a href="#">EN 203-2-10:2007</a> Gas heated catering equipment - Part 2-10: Specific requirements – Chargrills  <a href="#">BS EN 203-2-10:2007</a> Gas heated catering equipment. Specific requirements. Chargrills	<a href="#">EN 203-2-10:2007</a> Gas heated catering equipment - Part 2-10: Specific requirements – Chargrills  <a href="#">BS EN 203-2-10:2007</a> Gas heated catering equipment. Specific requirements. Chargrills  No change	
Pasta cookers	EN 203-2-11:2006 Gas heated catering equipment. Specific requirements. Pasta cookers  In conjunction with Standard B  Current standard	<a href="#">EN 203-2-11:2006</a> Gas heated catering equipment - Part 2-11: Specific requirements - Pasta cookers  <a href="#">BS EN 203-2-11:2006</a> Gas heated catering equipment. Specific requirements. Pasta cookers	<a href="#">EN 203-2-11:2006</a> Gas heated catering equipment - Part 2-11: Specific requirements - Pasta cookers  <a href="#">BS EN 203-2-11:2006</a> Gas heated catering equipment. Specific requirements. Pasta cookers  No change	
Single burner gas-fired overhead radiant tube heaters	EN 416-1:2009 Single burner gas-fired overhead radiant tube heaters for non-domestic use. Safety  Current standard	<a href="#">EN 416-1:2009</a> Single burner gas-fired overhead radiant tube heaters for non-domestic use - Part 1: Safety  <a href="#">BS EN 416-1:2009</a> Single burner gas-fired overhead radiant tube heaters for non-domestic use. Safety	<a href="#">EN 416-1:2009</a> Single burner gas-fired overhead radiant tube heaters for non-domestic use - Part 1: Safety  <a href="#">BS EN 416-1:2009</a> Single burner gas-fired overhead radiant tube heaters for non-domestic use. Safety  No change	
Gas-fired overhead luminous radiant heaters	EN 419-1:2009 Non-domestic gas-fired overhead luminous radiant heaters. Safety  Current standard	<a href="#">EN 419-1:2009</a> Non-domestic gas-fired overhead luminous radiant heaters - Part 1: Safety  <a href="#">BS EN 419-1:2009</a> Non-domestic gas-fired overhead luminous radiant heaters. Safety	<a href="#">EN 419-1:2009</a> Non-domestic gas-fired overhead luminous radiant heaters - Part 1: Safety  <a href="#">BS EN 419-1:2009</a> Non-domestic gas-fired overhead luminous radiant heaters. Safety  No change	
Domestic flueless space heaters, including cabinet heaters	EN 449:2002 + A1:2007 Specification for dedicated liquefied petroleum gas appliances. Domestic flueless space heaters (including diffusive catalytic combustion heaters)  Current standard	<a href="#">EN 449:2002+A1:2007</a> Specification for dedicated liquefied petroleum gas appliances - Domestic flueless space heaters (including diffusive catalytic combustion heaters)  <a href="#">BS EN 449:2002+A1:2007</a> Specification for dedicated liquefied petroleum gas appliances. Domestic flueless space heaters (including diffusive catalytic combustion heaters).	<a href="#">EN 449:2002+A1:2007</a> Specification for dedicated liquefied petroleum gas appliances - Domestic flueless space heaters (including diffusive catalytic combustion heaters)  <a href="#">BS EN 449:2002+A1:2007</a> Specification for dedicated liquefied petroleum gas appliances. Domestic flueless space heaters (including diffusive catalytic combustion heaters).  No change	
Gas-fired central heating boilers of	EN 483:1999 + A4:2007 Gas-fired central heating boilers. Type C boilers of nominal heat input not exceeding 70 kW	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
nominal heat input not exceeding 70 kW	Superseded standard	<a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW  NB The EN 15502 series is intended to replace EN 297, EN 483, EN 677, EN 656, EN 13836, EN 15420.	<a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW  Immediate transition to latest standard	
Independent hotplates, including those incorporating a grill for outdoor use	EN 484:1997 Specification for dedicated liquefied petroleum gas appliances. Independent hotplates, including those incorporating a grill for outdoor use  Current standard	<a href="#">EN 484:1997</a> Specification for dedicated liquefied petroleum gas appliances - Independent hotplates, including those incorporating a grill for outdoor use  <a href="#">BS EN 484:1998</a> Specification for dedicated liquefied petroleum gas appliances. Independent hotplates, including those incorporating a grill for outdoor use	<a href="#">EN 484:1997</a> Specification for dedicated liquefied petroleum gas appliances - Independent hotplates, including those incorporating a grill for outdoor use  <a href="#">BS EN 484:1998</a> Specification for dedicated liquefied petroleum gas appliances. Independent hotplates, including those incorporating a grill for outdoor use  No change	
Dedicated liquefied petroleum gas appliances	EN 497:1997 Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use  Current standard	<a href="#">EN 497:1997</a> Specification for dedicated liquefied petroleum gas appliances – Multi-purpose boiling burners for outdoor use  <a href="#">BS EN 497:1998</a> Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use	<a href="#">EN 497:1997</a> Specification for dedicated liquefied petroleum gas appliances – Multi-purpose boiling burners for outdoor use  <a href="#">BS EN 497:1998</a> Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use  No change	
Dedicated liquefied petroleum gas appliances	EN 498:2012 Specification for dedicated liquefied petroleum gas appliances  Current standard	<a href="#">EN 498:2012</a> Specification for dedicated liquefied petroleum gas appliances - Barbecues for outdoor use contact grills included  <a href="#">BS EN 498:2012</a> Specification for dedicated liquefied petroleum gas appliances. Barbecues for outdoor use contact grills included	<a href="#">EN 498:2012</a> Specification for dedicated liquefied petroleum gas appliances - Barbecues for outdoor use contact grills included  <a href="#">BS EN 498:2012</a> Specification for dedicated liquefied petroleum gas appliances. Barbecues for outdoor use contact grills included  No change	
Decorative fuel-effect gas appliances	EN 509:1999 Decorative fuel-effect gas appliances  Current standard	<a href="#">EN 509:1999</a> Decorative fuel-effect gas appliances Includes <a href="#">EN 509:1999/A1:2003</a> & <a href="#">EN 509:1999/A2:2004</a>  <a href="#">BS EN 509:2000</a> Decorative fuel-effect gas appliances	<a href="#">EN 509:1999</a> Decorative fuel-effect gas appliances Includes <a href="#">EN 509:1999/A1:2003</a> & <a href="#">EN 509:1999/A2:2004</a>  <a href="#">BS EN 509:2000</a> Decorative fuel-effect gas appliances  No change	
Portable vapour pressure liquefied petroleum gas appliances	EN 521:2006 Specifications for dedicated liquefied petroleum gas appliances. Portable vapour pressure liquefied petroleum gas appliances  See EU Warning below <sup>2</sup>  Current standard	<a href="#">EN 521:2006</a> Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances  <a href="#">BS EN 521:2006</a> Specifications for dedicated liquefied petroleum gas appliances. Portable vapour pressure liquefied petroleum gas appliances	<a href="#">EN 521:2006</a> Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances  <a href="#">BS EN 521:2006</a> Specifications for dedicated liquefied petroleum gas appliances. Portable vapour pressure liquefied petroleum gas appliances  No change	
Non-domestic direct	EN 525:2009 Non-domestic direct gas-fired forced convection air	<a href="#">EN 525:2009</a> Non-domestic direct gas-fired forced convection air	<a href="#">EN 525:2009</a> Non-domestic direct gas-fired forced	

<sup>2</sup> EN 521:2006

Warning (1): This publication does not cover portable flat gas stoves (2).

(1) In accordance with Commission Implementing Decision (EU) 2015/2414 of 17 December 2015 on the publication with a restriction in the Official Journal of the European Union of the reference of harmonised standard EN 521:2006 "Specifications for dedicated liquefied petroleum gas appliances – Portable vapour pressure liquefied petroleum gas appliances" in accordance with Directive 2009/142/EC of the European Parliament and of the Council (OJ L 333, 19.12.2015, p. 120).

(2) Flat gas stoves consist of a burner assembly fitted on a horizontal body containing an integrated compartment for a gas cartridge beside the burner.

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
gas-fired forced convection air heaters for space heating	heaters for space heating not exceeding a net heat input of 300 kW Current standard	heaters for space heating not exceeding a net heat input of 300 kW <a href="#">BS EN 525:2009</a> Non-domestic direct gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW	convection air heaters for space heating not exceeding a net heat input of 300 kW <a href="#">BS EN 525:2009</a> Non-domestic direct gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW No change	
Independent gas-fired convection heaters	EN 613:2000 Independent gas-fired convection heaters Current standard	<a href="#">EN 613:2000</a> Independent gas-fired convection heaters Includes <a href="#">EN 613:2000/A1:2003</a> <a href="#">BS EN 613:2001</a> Independent gas-fired convection heaters	<a href="#">EN 613:2000</a> Independent gas-fired convection heaters Includes <a href="#">EN 613:2000/A1:2003</a> <a href="#">BS EN 613:2001</a> Independent gas-fired convection heaters No change	
Room sealed LPG space heating equipment for installation in vehicles and boats	EN 624:2011 Specification for dedicated LPG appliances—Room sealed LPG space heating equipment for installation in vehicles and boats Current standard	<a href="#">EN 624:2011</a> Specification for dedicated LPG appliances - Room sealed LPG space heating equipment for installation in vehicles and boats <a href="#">BS EN 624:2011</a> Specification for dedicated LPG appliances. Room sealed LPG space heating equipment for installation in vehicles and boats	<a href="#">EN 624:2011</a> Specification for dedicated LPG appliances - Room sealed LPG space heating equipment for installation in vehicles and boats <a href="#">BS EN 624:2011</a> Specification for dedicated LPG appliances. Room sealed LPG space heating equipment for installation in vehicles and boats No change	
Domestic combination hot water and central heating boilers	EN 625:1995 Gas-fired central heating boilers. Specific requirements for the domestic hot water operation of combination boilers of nominal heat input not exceeding 70 kW Superseded, Withdrawn Standard	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests <a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW <a href="#">BS EN 15502-2-2:2014</a> Gas-fired central heating boilers. Specific standard for type B1 appliances	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests <a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW <a href="#">BS EN 15502-2-2:2014</a> Gas-fired central heating boilers. Specific standard for type B1 appliances	
Gas-fired central heating boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW	EN 656:1999 A1:2006 Gas-fired central heating boilers. Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW Current standard	<a href="#">EN 656:1999/A1:2006</a> Gas-fired central heating boilers - Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW <a href="#">BS EN 656:2000</a> Gas-fired central heating boilers. Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW	<a href="#">EN 656:1999/A1:2006</a> Gas-fired central heating boilers - Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW <a href="#">BS EN 656:2000</a> Gas-fired central heating boilers. Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW No change	
Gas-fired central heating boilers with a nominal heat input not exceeding 70 kW	EN 677:1998 Gas-fired central heating boilers. Specific requirements for condensing boilers with a nominal heat input not exceeding 70 kW Superseded, Withdrawn Standard	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests <a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW <a href="#">BS EN 15502-2-2:2014</a> Gas-fired central heating boilers. Specific standard for type B1 appliances	<a href="#">BS EN 15502-1:2012+A1:2015</a> Gas-fired heating boilers. General requirements and tests <a href="#">BS EN 15502-2-1:2012+A1:2016</a> Gas-fired central heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW <a href="#">BS EN 15502-2-2:2014</a> Gas-fired central heating boilers. Specific standard for type B1 appliances Immediate transition to latest standard	
Absorption refrigerators	EN 732:1998 Specifications for dedicated liquefied petroleum gas appliances—Absorption refrigerators Current standard	<a href="#">EN 732:1998</a> Specifications for dedicated liquefied petroleum gas appliances - Absorption refrigerators <a href="#">BS EN 732:1999</a> Specifications for dedicated liquefied petroleum	<a href="#">EN 732:1998</a> Specifications for dedicated liquefied petroleum gas appliances - Absorption refrigerators <a href="#">BS EN 732:1999</a> Specifications for dedicated	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
		gas appliances. Absorption refrigerators	liquefied petroleum gas appliances. Absorption refrigerators No change	
Independent gas-fired convection heaters	EN 1266:2002 Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases Current standard	<a href="#">EN 1266:2002</a> Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases Includes <a href="#">EN 1266:2002/A1:2005</a>  <a href="#">BS EN 1266:2002</a> Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases	<a href="#">EN 1266:2002</a> Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases Includes <a href="#">EN 1266:2002/A1:2005</a>  <a href="#">BS EN 1266:2002</a> Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases No change	
Mobile and portable non-domestic forced convection direct fired air heaters	EN 1596:1998 Specification for dedicated liquefied petroleum gas appliances. Mobile and portable non-domestic forced convection direct fired air heaters Current standard	<a href="#">EN 1596:1998</a> Specification for dedicated liquefied petroleum gas appliances - Mobile and portable non-domestic forced convection direct fired air heaters Includes <a href="#">EN 1596:1998/A1:2004</a>  <a href="#">BS EN 1596:1998</a> Specification for dedicated liquefied petroleum gas appliances. Mobile and portable non-domestic forced convection direct fired air heaters	<a href="#">EN 1596:1998</a> Specification for dedicated liquefied petroleum gas appliances - Mobile and portable non-domestic forced convection direct fired air heaters Includes <a href="#">EN 1596:1998/A1:2004</a>  <a href="#">BS EN 1596:1998</a> Specification for dedicated liquefied petroleum gas appliances. Mobile and portable non-domestic forced convection direct fired air heaters No change	
Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances	EN 12309-1:1999 Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW. Safety Superseded standard	EN 12309-1:2014 Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Terms and definitions and <a href="#">EN 12309-2:2015</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 2: Safety  <a href="#">BS EN 12309-1:2014</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Terms and definitions and <a href="#">BS EN 12309-2:2015</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Safety	EN 12309-1:2014 Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Terms and definitions and <a href="#">EN 12309-2:2015</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 2: Safety  <a href="#">BS EN 12309-1:2014</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Terms and definitions and <a href="#">BS EN 12309-2:2015</a> Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. Safety Immediate transition to latest standard	
Gas-fired type B tumble dryers	EN 12752-1:1999 Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW. Safety Both EN 12752-1:1999 and <a href="#">BS EN 12752-1:1999</a> Withdrawn standards	Unable to identify successor standard as at 2019-02-27. Replacements for these withdrawn standards are not specified in BSI catalogue.  The BSI catalogue does identify another standard for gas fired tumble dryers but it doesn't clarify whether or how the BS EN 12752-1 and BS EN 1458 are related.  EN 1458-1:2011  <a href="#">BS EN 1458-1:2011</a> Domestic direct gas-fired tumble dryers of types B22D and B23D, of nominal heat input not exceeding 6 kW. Safety	EN 12752-1:1999 Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW. Safety  This standard is to be retained after consultation with BSI.  Although this standard has been withdrawn without replacement, certification bodies still use it to certify products within its scope. There is nothing to suggest any deficiencies in the standard, and the GSMR currently recognises its adequacy.	
Parasol patio heaters <i>(Flueless radiant)</i>	EN 14543:2005 + A1:2007 Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant	<a href="#">EN 14543:2017</a> Specification for dedicated liquefied petroleum gas appliances - Parasol patio heaters - Flueless radiant heaters	<a href="#">EN 14543:2017</a> Specification for dedicated liquefied petroleum gas appliances - Parasol patio	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance type	Cited European Standard	Current edition of cited standard and corresponding British Standard	Version to be cited in 2019 update Suggested transitions	Actions
<i>heaters for outdoor or amply ventilated area use)</i>	heaters for outdoor or amply ventilated area use Superseded standard	for outdoor or amply ventilated area use <a href="#">BS EN 14543:2017</a> Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant heaters for outdoor or amply ventilated area use	heaters - Flueless radiant heaters for outdoor or amply ventilated area use <a href="#">BS EN 14543:2017</a> Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant heaters for outdoor or amply ventilated area use Immediate transition to latest standard	
Independent gas-fired flueless space heaters	EN 14829:2007 Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW Current standard	<a href="#">EN 14829:2007</a> Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW <a href="#">BS EN 14829:2007</a> Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW	<a href="#">EN 14829:2007</a> Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW <a href="#">BS EN 14829:2007</a> Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW No change	
Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats	EN 15033:2006 Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats Current standard	<a href="#">EN 15033:2006</a> Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats Includes EN 15033:2006/AC:2008 <a href="#">BS EN 15033:2006</a> Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats	<a href="#">EN 15033:2006</a> Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats Includes EN 15033:2006/AC:2008 <a href="#">BS EN 15033:2006</a> Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats No change	
Fuel cell gas heating appliances	EN 50465:2008 Gas appliances. Fuel cell gas heating appliance. Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW Superseded standard	<a href="#">EN 50465:2015</a> Gas appliances - Combined heat and power appliance of nominal heat input inferior or equal to 70 kW <a href="#">BS EN 50465:2015</a> European product standard for combined heating power systems using gas fuel	<a href="#">EN 50465:2015</a> Gas appliances - Combined heat and power appliance of nominal heat input inferior or equal to 70 kW <a href="#">BS EN 50465:2015</a> European product standard for combined heating power systems using gas fuel Immediate transition to latest standard	

Table 2 - Specific requirements standards - Schedule 2A Clause 2(7)

**References:**

Information on European standards is obtained from the ‘Summary list of titles and references harmonised standards under Directive 2009/142/EC for Appliances burning gaseous fuels (ex-90/396/EEC)’

See: <https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/appliances-burning-gaseous-fuels>

**European (CEN) standards:**

[https://standards.cen.eu/dyn/www/f?p=204:105:0:":](https://standards.cen.eu/dyn/www/f?p=204:105:0:)

**British (BS) Standards:**

<https://shop.bsigroup.com/ProductDetail?pid=00000000030249912>

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

**Appendix 1 Current text of Schedule 2A Clause 2:**

- (1) This clause applies to a gas appliance or specified fittings certified by a body that is working within the certification regime of—
  - (a) EU Directive 2009/142/EC; or
  - (b) EU Directive 90/396/ECC, in the case of appliances not covered by EU Directive 2009/142/EC.
- (2) The appliance or fittings must be certified to the standard specified in subclause (7), subject to the following conditions:
  - (a) an appliance incorporating electrical equipment with a low voltage external supply must be tested for gas safety compliance using a supply of 230 volts, 50 Hz (nominal);
  - (b) an LPG appliance, other than an appliance for use with non-refillable cartridges, must be certified to Category I3B/P 30 or I3B/P 28-30;
  - (c) a natural gas appliance must be certified to Category I2H;
  - (d) a cabinet heater must be fitted with a label and notice that complies with Appendices 1 and 2 of NZS/AS 3645.
- (3) An appliance is deemed to have been certified to an EN standard specified in subclause (7) if the appliance has been certified to a published national standard.
- (4) In subclause (3), published national standard means a standard published by a national standardisation body that is a member of the Committee of European Standards (CEN) as being the national implementation of the relevant EN standard.
- (5) An appliance that is deemed to be certified to an EN standard specified in subclause (7) is subject to—
  - (a) the conditions set out in subclause (2); and
  - (b) the condition that the appliance include instructions in English for its installation and use.
- (6) In subclause (7),—
 

standard A means EN 30-1-1:2008 + A3:2013 Domestic cooking appliances burning gas. Safety. General

standard B means EN 203-1:2005 + A1:2008 Gas heated catering equipment. General safety rules
- (7) The applicable standards are as follows:

Appliance and/or fittings type	Applicable standard
Absorption refrigerators	EN 732:1998 Specifications for dedicated liquefied petroleum gas appliances—Absorption refrigerators
Appliances having a glass ceramic hotplate	Standard A in conjunction with EN 30-1-3:2003 Domestic cooking appliances burning gas. Safety. Appliances having a glass ceramic hotplate EN 30-1-3:2003 + A1:2006 Domestic cooking appliances burning gas—Part 1-3: Safety—Appliances having a glass ceramic hotplate
Appliances having forced-convection ovens and/or grills	Standard A in conjunction with EN 30-1-2:2012 Domestic cooking appliances burning gas. Safety. Appliances having forced-convection ovens and/or grills
Appliances having 1 or more burners with an automatic burner control system	Standard A in conjunction with EN 30-1-4:2012 Domestic cooking appliances burning gas. Safety. Appliances having one or more burners with an automatic burner control system
Gas-fired instantaneous water heaters	EN 26:1997 Gas-fired instantaneous water heaters for the production of domestic hot water, fitted with atmospheric burners
Gas-fired storage water heaters	EN 89:1999 Gas-fired storage water heaters for the production of domestic hot water
Boiling pans	Standard B in conjunction with EN 203-2-3:2005 Gas heated catering equipment Part 2.3. Specific requirements—Boiling pans
Brat pans and paella cookers	Standard B in conjunction with EN 203-2-8:2005 Gas heated catering equipment Part 2.8. Specific requirements—Brat pans and paella cookers
Chargrills	Standard B in conjunction with EN 203-2-10:2007 Gas heated catering equipment Part 2.10. Specific requirements—Chargrills
Decorative fuel-effect gas appliances	EN 509:1999 Decorative fuel-effect gas appliances
Dedicated liquefied petroleum gas appliances	EN 497:1997 Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use
Domestic combination hot water and central heating boilers	EN 625:1995 Gas-fired central heating boilers. Specific requirements for the domestic hot water operation of combination boilers of nominal heat input not exceeding 70 kW
Dedicated liquefied petroleum gas appliances	EN 498:2012 or, until 30 June 2016, the 1997 standard. Specification for dedicated liquefied petroleum gas appliances
Domestic flueless space heaters, including cabinet heaters	EN 449:2002 + A1:2007 Specification for dedicated liquefied petroleum gas appliances. Domestic flueless space heaters (including diffusive catalytic combustion heaters)

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance and/or fittings type	Applicable standard
Fryers	Standard B in conjunction with EN 203-2-4:2005 Gas heated catering equipment. Specific requirements. Fryers
Fuel cell gas heating appliances	EN 50465:2008 Gas appliances. Fuel cell gas heating appliance. Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW
Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances	EN 12309-1:1999 Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW. Safety
Gas-fired central heating boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW	EN 656:1999 A1:2006 Gas-fired central heating boilers. Type B boilers of nominal heat input exceeding 70 kW, but not exceeding 300 kW EN 15502-2-1:2012
Gas-fired central heating boilers of nominal heat input not exceeding 70 kW	EN 483:1999 + A4:2007 Gas-fired central heating boilers. Type C boilers of nominal heat input not exceeding 70 kW
Gas-fired central heating boilers with a nominal heat input not exceeding 70 kW	EN 677:1998 Gas-fired central heating boilers. Specific requirements for condensing boilers with a nominal heat input not exceeding 70 kW
Gas-fired overhead luminous radiant heaters	EN 419-1:2009 Non-domestic gas-fired overhead luminous radiant heaters. Safety
Gas-fired type B tumble dryers	EN 12752-1:1999 Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW. Safety
General domestic cooking appliances	EN 30-1-1:2008 + A3:2013 Domestic cooking appliances burning gas—Part 1-1: Safety—General
General gas heated catering equipment	EN 203-1:2005 + A1:2008 Gas heated catering equipment—Part 1: General safety rules
Hot water heaters for beverage	Standard B in conjunction with EN 203-2-6:2005 Gas heated catering equipment. Specific requirements
Independent gas-fired convection heaters	EN 1266:2002 Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases
Independent gas-fired flueless space heaters	EN 14829:2007 Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW
Independent gas-fired convection heaters	EN 613:2000 Independent gas-fired convection heaters
Independent hotplates, including those incorporating a grill for outdoor use	EN 484:1997 Specification for dedicated liquefied petroleum gas appliances. Independent hotplates, including those incorporating a grill for outdoor use
Mobile and portable non-domestic forced convection direct fired air heaters	EN 1596:1998 Specification for dedicated liquefied petroleum gas appliances. Mobile and portable non-domestic forced convection direct fired air heaters
Non-domestic direct gas-fired forced convection air heaters for space heating	EN 525:2009 Non-domestic direct gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW
Open burners and wok burners	Standard B in conjunction with EN 203-2-1:2005 Gas heated catering equipment. Specific requirements. Open burners and wok burners
Ovens	Standard B in conjunction with EN 203-2-2:2006 Gas heated catering equipment. Specific requirements. Ovens
Parasol patio heaters.	Flueless radiant heaters for outdoor or amply ventilated area use EN 14543:2005 + A1:2007 Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant heaters for outdoor or amply ventilated area use
Pasta cookers	Standard B in conjunction with EN 203-2-11:2006 Gas heated catering equipment. Specific requirements. Pasta cookers
Portable vapour pressure liquefied petroleum gas appliances	EN 521:2006 Specifications for dedicated liquefied petroleum gas appliances. Portable vapour pressure liquefied petroleum gas appliances
Room sealed LPG space heating equipment for installation in vehicles and boats	EN 624:2011 Specification for dedicated LPG appliances—Room sealed LPG space heating equipment for installation in vehicles and boats
Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats	EN 15033:2006 Room sealed storage water heaters for the production of sanitary hot water using LPG for vehicles and boats
Salamanders and rotisseries	Standard B in conjunction with EN 203-2-7:2007 Gas heated catering equipment. Specific requirements. Salamanders and rotisseries
Single burner gas-fired overhead radiant tube heaters	EN 416-1:2009 Single burner gas-fired overhead radiant tube heaters for non-domestic use. Safety
Solid tops, warming plates, and griddles	Standard B in conjunction with EN 203-2-9:2005 Gas heated catering equipment. Specific requirements. Solid tops, warming plates and griddles

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

**Gas (Safety and Measurement) Regulations – S2A 3 – North American regime**

1. This document identifies the current status of standards specified in Schedule 2A Clause 3 of the Gas (Safety and Measurement) Regulations 2010 — as at 12 February 2019. Appendix 1 contains the text of this Clause.
2. GSMR Schedule 2A sets out the requirements for gas appliances certification in accordance with GSMR 55. Schedule 2A Clause 1 specifies the bodies recognised for the purpose of certification. Schedule 2A Clauses 2, 3 & 4 identify specific standards and conditions that are applicable to certification by particular bodies – working under European, North American and Australian bodies identified in Clause 1, respectively.
3. Schedule 2A Clause 3 sets out the standards and conditions applying to certification by the two North American CABs that are recognised to use ANSI or CSA standards.
4. The whole of GSMR Schedule 2A was last updated on 31 July 2014, by regulation 28 of the Gas (Safety and Measurement) Amendment Regulations 2014 (LI 2014/205).
5. We are not aware of any interest to amend (add to) the certification bodies identified in S2A Clause 3(1). We do not propose inviting stakeholder to nominate additional certification bodies at this time because that has the potential to delay the project.
6. We do not propose to amend the conditions set in S2A Clause 3(2).
7. Most of standards identified in S2A Clause 3(3) have been revised, withdrawn and replaced with a later edition. Table 3 below identifies the status of cited standards and the current edition of each standard.
8. We propose updating each citation to the current edition.
9. This document does not identify whether any of these standards are at present under review, or scheduled for review.
10. We are not aware of any industry interest in adding to the list of cited standards. Therefore we do not propose to add to the standards identified in S2A Clause 3(3), other than to recognise current editions of standards already cited.

**Table 3 - Status of standards cited in S2A 3**

Appliance and/or fittings type	Cited applicable standard & Status	Current edition of cited standard	Version to be cited in 2019 update Suggested transitions	Actions
Gas clothes dryers	ANSI Z21.5.1-2006/CSA 7.1-2006 American National Standard/CSA Standard For Gas Clothes Dryers, Volume I Type 1 Clothes Dryers, including ANSI Z21.5.1a-2007/CSA 7.1a-2007  Withdrawn  ANSI Z21.5.1-2015/CSA 7.1-2015 - Gas clothes dryers, volume I, type I clothes dryers (Withdrawn)  ANSI Z21.5.1-2016 CSA 7.1-2016 (withdrawn)	ANSI Z21.5.1-2017 • CSA 7.1-2017 <i>Gas clothes dryers, volume I, type 1 clothes dryers</i>  Seventh edition	ANSI Z21.5.1-2017 • CSA 7.1-2017 <i>Gas clothes dryers, volume I, type 1 clothes dryers</i>  Seventh edition  Immediate transition to latest standard	
Gas-fired low-intensity infrared heaters	ANSI Z83.20-2008/CSA 2.34-2008 American National Standard/CSA Standard For Gas-Fired Low-Intensity Infrared Heaters, including ANSI Z83.20a-2010/CSA 2.34a-2010 and ANSI Z83.20b-2011/CSA 2.34b-2011 Gas-fired low intensity infrared heaters  Withdrawn	ANSI Z83.20-2016/CSA 2.34-2016 <i>Gas-fired tubular and low-intensity infrared heaters</i>  Third edition ANSI Z83.20-2016/CSA 2.34-2016 <i>Gas-fired tubular and low-intensity infrared heaters</i>  Third edition	ANSI Z83.20-2016/CSA 2.34-2016 <i>Gas-fired tubular and low-intensity infrared heaters</i>  Third edition ANSI Z83.20-2016/CSA 2.34-2016 <i>Gas-fired tubular and low-intensity infrared heaters</i>  Third edition  Immediate transition to latest standard	
Gas-fired low pressure steam and hot water boilers	ANSI Z21.13-2010/CSA 4.9-2010 American National Standard/CSA Standard For Gas-Fired Low Pressure Steam And Hot Water Boilers, including ANSI Z21.13a-2010/CSA 4.9a-2010, and ANSI Z83.20b-2011/CSA 2.34b-2011  Withdrawn  ANSI Z21.13-2010 • CSA 4.9-2010,	ANSI Z21.13-2017 • CSA 4.9-2017 <i>Gas-fired low pressure steam and hot water boilers</i>  Sixth edition	ANSI Z21.13-2017 • CSA 4.9-2017 <i>Gas-fired low pressure steam and hot water boilers</i>  Sixth edition  Immediate transition to latest standard	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance and/or fittings type	Cited applicable standard & Status	Current edition of cited standard	Version to be cited in 2019 update Suggested transitions	Actions
	ANSI Z21.13a-2010 • CSA 4.9a-2010, and ANSI Z21.13b-2012 • CSA 4.9b-2012  ANSI Z21.13-2013 • CSA 4.9-2013 Withdrawn			
Gas-fired outdoor infrared patio heaters	ANSI Z83.26-2007/CSA 2.37-2007 American National Standard/CSA Standard For Gas-Fired Outdoor Infrared Patio Heaters, including ANSI Z83.26a-2008/CSA 2.37a-2008  Withdrawn	ANSI Z83.26-2014 • CSA 2.37-2014 <i>Gas-fired outdoor infrared patio heaters</i>  Second edition	ANSI Z83.26-2014 • CSA 2.37-2014 <i>Gas-fired outdoor infrared patio heaters</i>  Second edition  Immediate transition to latest standard	
Gas storage water heaters with input ratings above 75,000 BTU per hour	ANSI Z21.10.3-2013/ CSA 4.3-2013 Gas Water Heaters—Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous  ANSI Z21.10.3-2015/CSA 4.3-2015 Withdrawn	ANSI Z21.10.3-2017/CSA 4.3-2017 <i>Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous</i>  Eighth edition	ANSI Z21.10.3-2017/CSA 4.3-2017 <i>Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous</i>  Eighth edition  Immediate transition to latest standard	
Gas storage water heaters with input ratings of 75,000 BTU per hour or less	ANSI Z21.10.1-2013/CSA 4.1-2013 American National Standard/CSA Standard for Gas Water Heaters With Input Ratings of 75,000 BTU Per Hour or Less  Withdrawn ANSI Z21.10.1-2014/CSA 4.1-2014 Withdrawn	ANSI Z21.10.1-2017/CSA 4.1-2017 <i>Gas water heaters, volume I, storage water heaters with input ratings of 75,000 Btu per hour or less</i>  Seventh edition <sup>3</sup>	ANSI Z21.10.1-2017/CSA 4.1-2017 <i>Gas water heaters, volume I, storage water heaters with input ratings of 75,000 Btu per hour or less</i>  Seventh edition <sup>4</sup>  Immediate transition to latest standard	
Gas-fired unvented room heaters	ANSI Z21.11.2-2011 American National Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters  Withdrawn  ANSI Z21.11.2-2013 Withdrawn	ANSI Z21.11.2-2016 <i>Gas-fired room heaters, volume II, unvented room heaters</i>  Twenty-eighth edition	ANSI Z21.11.2-2016 <i>Gas-fired room heaters, volume II, unvented room heaters</i>  Twenty-eighth edition  Immediate transition to latest standard	
Gas-fired waterless toilets	CGA 5.2-1971 Gas-fired waterless toilets  Reconfirmed 2013	CGA 5.2-1971 (R2013) <i>Gas-Fired Waterless Toilets</i>	CGA 5.2-1971 (R2013) <i>Gas-Fired Waterless Toilets</i>  No change	
Gas food service equipment	ANSI Z83.11-2006/CSA 1.8-2006 American National Standard/CSA Standard For Gas Food Service Equipment, including ANSI Z83.11a-2007/CSA 1.8a-2007 and ANSI Z83.11b-2009/CSA 1.8b-2009  Withdrawn	ANSI Z83.11-2016/CSA 1.8-2016 <i>Gas food service equipment</i>  fourth edition	ANSI Z83.11-2016/CSA 1.8-2016 <i>Gas food service equipment</i>  fourth edition  Immediate transition to latest standard	
Household cooking gas appliances	ANSI Z21.1-2010 American National Standard For Household Cooking Gas Appliances, including ANSI Z21.1a-2011, and ANSI Z21.1b-2012 Household cooking gas appliances  Withdrawn	CSA/ANSI Z21.1-2018/CSA 1.1-2018 <i>Household cooking gas appliances</i>  Second edition (as a CSA); previous edition was 2016	CSA/ANSI Z21.1-2018/CSA 1.1-2018 <i>Household cooking gas appliances</i>  Second edition (as a CSA); previous edition was 2016  Immediate transition to latest standard	
Outdoor cooking gas appliances	ANSI Z21.58-2007/CSA 1.6-2007 American National Standard/CSA Standard For Outdoor Cooking Gas Appliances, including ANSI Z21.58a-2008/CSA 1.6a-2008, and	ANSI Z21.58-2015 • CSA 1.6-2015 <i>Outdoor cooking gas appliances</i>	ANSI Z21.58-2015 • CSA 1.6-2015 <i>Outdoor cooking gas appliances</i>  Immediate transition to latest standard	

<sup>3</sup> See IAPMO [note](#) on 14<sup>th</sup> Edition.

<sup>4</sup> See IAPMO [note](#) on 14<sup>th</sup> Edition.

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

Appliance and/or fittings type	Cited applicable standard & Status	Current edition of cited standard	Version to be cited in 2019 update Suggested transitions	Actions
	ANSI Z21.58b-2012/CSA 1.6b-2012 Outdoor cooking gas appliances Withdrawn			
Outdoor cooking specialty gas appliances	ANSI Z21.89-2007/CSA 1.18-2007 American National Standard/CSA Standard For Outdoor Cooking Specialty Gas Appliances, including ANSI Z21.89a-2008/CSA 1.18a-2008, and ANSI Z21.89b-2012/CSA 1.18b-2012 Outdoor cooking specialty gas appliances CSA 1.18-2007 (R2012) Withdrawn ANSI Z21.89-2013/CSA 1.18-2013 Withdrawn	ANSI Z21.89-2017 • CSA 1.18-2017 <i>Outdoor cooking specialty gas appliances</i>	ANSI Z21.89-2017 • CSA 1.18-2017 <i>Outdoor cooking specialty gas appliances</i>  Immediate transition to latest standard	
Outdoor decorative gas appliances	ANSI Z21.97-2010 Outdoor Decorative Gas Appliances Withdrawn Previous editions in 2012 & 2014	ANSI Z21.97-2017/CSA 2.41-2017 <i>Outdoor decorative gas appliances</i>  Third edition	ANSI Z21.97-2017/CSA 2.41-2017 <i>Outdoor decorative gas appliances</i>  Third edition  Immediate transition to latest standard	
Portable type gas camp stoves	ANSI Z21.72-2011/CSA 11.2-2011 American National Standard/CSA Standard For Portable Type Gas Camp Stoves Withdrawn	ANSI Z21.72-2016 • CSA 11.2-2016 <i>Portable type gas camp stoves</i>	ANSI Z21.72-2016 • CSA 11.2-2016 <i>Portable type gas camp stoves</i>  Immediate transition to latest standard	
Portable type gas camp heaters	ANSI Z21.63/CSA 11.3 2011 Portable Type Gas Camp Heaters Withdrawn	ANSI Z21.63-2014/CSA 11.3-2014 <i>Portable type gas camp heaters</i>	ANSI Z21.63-2014/CSA 11.3-2014 <i>Portable type gas camp heaters</i>  Immediate transition to latest standard	
Portable type gas camp lights	ANSI Z21.73-2011/CSA 11.1-2011 American National Standard/CSA Standard For Portable Type Gas Camp Lights ANSI Z21.73-2000/CSA 11.1-2000 Withdrawn	ANSI Z21.73-2017 • CSA 11.1-2017 <i>Portable type gas camp lights</i>  Third edition	ANSI Z21.73-2017 • CSA 11.1-2017 <i>Portable type gas camp lights</i>  Third edition  Immediate transition to latest standard	
Vented gas fireplace heaters	ANSI Z21.88-2009/CSA 2.33-2009 Vented gas fireplace heaters Withdrawn ANSI Z21.88-2014/CSA 2.33-2014 Withdrawn ANSI Z21.88-2016/CSA 2.33-2016 Withdrawn	ANSI Z21.88-2017/CSA 2.33-2017 <i>Vented gas fireplace heaters</i>  Eighth edition	ANSI Z21.88-2017/CSA 2.33-2017 <i>Vented gas fireplace heaters</i>  Eighth edition  Immediate transition to latest standard	
Vented gas fireplaces	ANSI Z21.50-2012/CSA 2.22-2012 American National Standard/CSA Standard For Vented Gas Fireplaces Withdrawn ANSI Z21.50-2014/CSA 2.22-2014 Withdrawn	ANSI Z21.50-2016/CSA 2.22-2016 <i>Vented decorative gas appliances</i>  Eighth edition	ANSI Z21.50-2016/CSA 2.22-2016 <i>Vented decorative gas appliances</i>  Eighth edition  Immediate transition to latest standard	
Vented gas-fired space heating appliances	ANSI Z21.86-2008/CSA 2.32-2008 American National Standard/CSA Standard For Vented Gas-Fired Space Heating Appliances Withdrawn	ANSI Z21.86-2016/CSA 2.32-2016 <i>Vented gas-fired space heating appliances</i>  Sixth edition	ANSI Z21.86-2016/CSA 2.32-2016 <i>Vented gas-fired space heating appliances</i>  Sixth edition  Immediate transition to latest standard	

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

**Appendix 1 Current text of Schedule 2A Clause 3: Standards and conditions applying to certification by Canadian Standards Association or Underwriters Laboratories**

Schedule 2A Clause 3

(1) This clause applies to a gas appliance or specified fittings certified by—

- (a) Canadian Standards Association; or
- (b) Underwriters Laboratories.

(2) The appliance or fittings must be certified to the standard specified in subclause (3), subject to the following conditions:

(a) a gas appliance incorporating electrical equipment with a low voltage external supply must be tested for gas safety compliance using a supply of 230 volts, 50 Hz (nominal):

(b) an LPG appliance, other than an appliance for use with non-refillable cartridges, must be tested as follows:

(i) either—

A the tests specified in the compliance standard must be conducted with Test Gas D (butane); and

B combustion tests, and tests of burner operating characteristics, pilot operating characteristics, and ignition, must also be conducted with Test Gas E (propane) with no change whatever in burner equipment; or

(ii) in the case of an outdoor cooking gas appliance or an outdoor cooking speciality gas appliance, tests for temperature hazards, heat resistance, flame abnormalities, including sooting, and tests in which CO ratios or concentrations are measured must be conducted with Test Gas D (butane) with no change whatever in burner equipment.

(3) The applicable standards are as follows:

Appliance and/or fittings type	Applicable standard
Gas clothes dryers	ANSI Z21.5.1-2006/CSA 7.1-2006 American National Standard/CSA Standard For Gas Clothes Dryers, Volume I Type 1 Clothes Dryers, including ANSI Z21.5.1a-2007/CSA 7.1a-2007
Gas-fired low-intensity infrared heaters	ANSI Z83.20-2008/CSA 2.34-2008 American National Standard/CSA Standard For Gas-Fired Low-Intensity Infrared Heaters, including ANSI Z83.20a-2010/CSA 2.34a-2010 and ANSI Z83.20b-2011/CSA 2.34b-2011 Gas-fired low intensity infrared heaters
Gas-fired low pressure steam and hot water boilers	ANSI Z21.13-2010/CSA 4.9-2010 American National Standard/CSA Standard For Gas-Fired Low Pressure Steam And Hot Water Boilers, including ANSI Z21.13a-2010/CSA 4.9a-2010, and ANSI Z83.20b-2011/CSA 2.34b-2011
Gas-fired outdoor infrared patio heaters	ANSI Z83.26-2007/CSA 2.37-2007 American National Standard/CSA Standard F or Gas-Fired Outdoor Infrared Patio Heaters, including ANSI Z83.26a-2008/CSA 2.37a-2008
Gas storage water heaters with input ratings above 75,000 BTU per hour	ANSI Z21.10.3-2013/ CSA 4.3-2013 Gas Water Heaters—Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous
Gas storage water heaters with input ratings of 75,000 BTU per hour or less	ANSI Z21.10.1-2013/CSA 4.1-2013 American National Standard/CSA Standard for Gas Water Heaters With Input Ratings of 75,000 BTU Per Hour or Less  Or, until 30 June 2016: ANSI Z21.10.1-2009/CSA 4.1-2009 American National Standard/CSA Standard for Gas Water Heaters, Volume I, Storage Water Heaters With Input Ratings Of 75,000 BTU Per Hour Or Less, including ANSI Z21.10.1a-2009/CSA 4.1a-2009
Gas-fired unvented room heaters	ANSI Z21.11.2-2011 American National Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters  Or, until 30 June 2016: ANSI Z21.11.2-2007 American National Standard for Gas-fired Room Heaters, Volume II, Unvented Room Heaters, including ANSI Z21.11.2a-2008 and ANSI Z21.11.2b-2010
Gas-fired waterless toilets	CGA 5.2-1971 Gas-fired waterless toilets
Gas food service equipment	ANSI Z83.11-2006/CSA 1.8-2006 American National Standard/CSA Standard For Gas Food Service Equipment,

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

	including ANSI Z83.11a-2007/CSA 1.8a-2007 and ANSI Z83.11b-2009/CSA 1.8b-2009
Household cooking gas appliances	ANSI Z21.1-2010 American National Standard For Household Cooking Gas Appliances, including ANSI Z21.1a-2011, and ANSI Z21.1b-2012 Household cooking gas appliances
Outdoor cooking gas appliances	ANSI Z21.58-2007/CSA 1.6-2007 American National Standard/CSA Standard For Outdoor Cooking Gas Appliances, including ANSI Z21.58a-2008/CSA 1.6a-2008, and ANSI Z21.58b-2012/CSA 1.6b-2012 Outdoor cooking gas appliances
Outdoor cooking specialty gas appliances	ANSI Z21.89-2007/CSA 1.18-2007 American National Standard/CSA Standard For Outdoor Cooking Specialty Gas Appliances, including ANSI Z21.89a-2008/CSA 1.18a-2008, and ANSI Z21.89b-2012/CSA 1.18b-2012 Outdoor cooking specialty gas appliances
Outdoor decorative gas appliances	ANSI Z21.97-2010 Outdoor Decorative Gas Appliances
Portable type gas camp stoves	ANSI Z21.72-2011/CSA 11.2-2011 American National Standard/CSA Standard For Portable Type Gas Camp Stoves
Portable type gas camp heaters	ANSI Z21.63/CSA 11.3 2011 Portable Type Gas Camp Heaters
Portable type gas camp lights	ANSI Z21.73-2011/CSA 11.1-2011 American National Standard/CSA Standard For Portable Type Gas Camp Lights ANSI Z21.73-2000/CSA 11.1-2000 Or, until 30 June 2016: American National Standard/CSA Standard For Portable Type Gas Camp Lights, including ANSI Z21.73a-2001/CSA 11.1a-2001 and ANSI Z21.73b-2002/CSA 11.1b-2002
Vented gas fireplace heaters	ANSI Z21.88-2009/CSA 2.33-2009 Vented gas fireplace heaters
Vented gas fireplaces	ANSI Z21.50-2012/CSA 2.22-2012 American National Standard/CSA Standard For Vented Gas Fireplaces Or, until 30 June 2016: American National Standard/CSA Standard For Vented Gas Fireplaces, including ANSI Z21.50a-2008/CSA 2.22a-2008 and ANSI Z21.50b-2009/CSA 2.22b-2009 ANSI Z21.50-2007/CSA 2.22-2007
Vented gas-fired space heating appliances	ANSI Z21.86-2008/CSA 2.32-2008 American National Standard/CSA Standard For Vented Gas-Fired Space Heating Appliances

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

**Gas (Safety and Measurement) Regulations Schedule 2A 4 – Australian regime**

1. This document identifies the current status of standards specified in Schedule 2A Clause 4 of the Gas (Safety and Measurement) Regulations 2010 — as at 12 February 2019. Appendix 1 contains the text of this Clause.
2. GSMR Schedule 2A sets out the requirements for gas appliances certification in accordance with GSMR 55. Schedule 2A Clause 1 specifies the bodies recognised for the purpose of certification. Schedule 2A Clauses 2, 3 & 4 identify specific standards and conditions that are applicable to certification by particular bodies – working under European, North American and Australian bodies identified in Clause 1, respectively.
3. Schedule 2A Clause 4 sets out the standards and conditions applying to specific certification by bodies working to specific Australian *gas appliance* standards.
4. The whole of GSMR Schedule 2A was last updated on 31 July 2014, by regulation 28 of the Gas (Safety and Measurement) Amendment Regulations 2014 (LI 2014/205).
5. This document does not identify whether any of these standards are at present under review, or scheduled for review.

**Australian Certification bodies**

6. The Certification bodies identified in S2A Clause 4(1) are Australian and are recognised by Australian gas appliance regulators for the certification of appliances to the Australian and joint Australian-New Zealand gas appliance standards.
7. This list of certification bodies is out of date. Specifically a new entrant – BSI Group (Australia and New Zealand) Pty Ltd has recently obtained recognition as a CAB for the purposes of certification of ‘Australian’ standards [NB the company name needs to be verified].
8. Once due diligence is completed we intend to propose the recognition of BSI Global Australia by amending both Clause 2A 1 and Clause 2A 4(1), and any other updates, see Table 4.

**Table 4 - 'Australian' CABs for gas appliance certification – S2A 4(1)**

CAB	Status & Proposed update
SAI Global Certification Services Pty Ltd (trading as SAI Global)	Retain recognition; company legal name to be reverified
IAPMO R & T Oceana Pty Ltd	Retain recognition; company legal name to be reverified
Australian Gas Association	Retain recognition; company legal name to be reverified
Global-Mark Pty Ltd	Retain recognition; company legal name to be reverified
BSI Group (Australia and New Zealand) Pty Ltd	Add recognition; company legal name to be verified

**New Australian Certification scheme**

9. We note the committee of New Zealand Australian state gas safety regulators (Gas Technical Regulators Committee –GTRC) has implemented its gas appliance scheme and JAS-ANZ is implementing the recognition of CABs to certify to that scheme.
10. This scheme has only recently been set up and is in transition. New Zealand is not involved in the scheme. More work is required to confirm its suitability for recognition as opposed to the status quo where the regulations recognise individual CABs. Therefore we do not propose to recommend blanket recognition of CABs under the GTRC scheme.

**Australian gas appliance standards**

11. Standards Australia is in the process of revising its gas appliance standards which are cited in GSMR Schedule 2A 4(3). Most of these standards are now in a format where general requirements are in a base standard and type-specific requirements are in a type-specific part of that standard. The revised standards apply consistent requirements and test methods across the range of appliances. They also include a small number of New Zealand specific variations.
12. For example AS/NZS 5263.0 *Gas appliances – General requirements* contains the generally applicable requirements and test methods, and AS/NZS 5263.1.1 *Gas appliances – Domestic gas cooking appliances* applies those requirements to domestic gas cooking appliances, with any necessary type-specific requirements.
13. Some cited standards have not yet been brought into this structure. Therefore we do not propose modifying the New Zealand specific conditions in S2A Clause 4(2). The only current applicable conditions are:

**TABLE C: Gas (Safety and Measurement) Regulations 2010 – Proposed Updated Standards**

*The appliance or fittings must be certified to the standard specified in subclause (3), subject to the condition that an LPG appliance, other than an appliance for use with a non-refillable cartridge, must be certified as a universal LPG appliance or a New Zealand LPG appliance.*

14. Most of the standards cited in S2A Clause 4(3) have been revised and issued as part of the AS/NZS 5263 series, see Table 5. For ease of analysis this table consolidates the specific appliance types falling within each standard, eg gas cooking appliances.

15. Several projects to amend these standards are under way, in addition to those identified in Table 5. We recommend that a decision as to which standards to include in updating S2A Clause 4(3) is made as late as possible.

**Table 5 - 'Australian' gas appliance standards - S2A 4(3)**

Appliance and/or fittings Class (group types)	Current applicable standards	Status	Version to be cited in 2019 update Suggested transitions	Actions
Portable and mobile appliances LPG — including: <ul style="list-style-type: none"> <li>Camping lanterns</li> <li>Cookers and barbecues</li> <li>Equipment for use with refillable cylinders</li> <li>Space heaters</li> </ul>	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3	Current, under review  However there are relevant GTRC Technical Bulletins that address technical issues not covered by the current standard.	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3  No change	
Industrial and commercial gas-fired appliances	AS 3814-2009 Industrial and commercial gas-fired appliances  Includes Amendment 1-2010 (not cited)	Superseded by: AS 3814:2015 <i>Industrial and commercial gas-fired appliances</i>  and the latest version: AS 3814:2018 <i>Industrial and commercial gas-fired appliances</i>	AS 3814:2018 <i>Industrial and commercial gas-fired appliances</i>  Immediate transition to latest standard	
Domestic or similar gas cooking appliances – including: <ul style="list-style-type: none"> <li>Built-in cookers and ovens</li> <li>Caravan and marine cookers</li> <li>Counter top cookers</li> <li>Elevated cookers</li> <li>Freestanding cookers</li> <li>Hotplates</li> <li>Wall ovens</li> </ul>	AS 4551-2008 Domestic gas cooking appliances, including AS 4551-2008/Amdt 1-2009 and AS 4551-2008/Amdt 2-2012	Superseded by: AS/NZS 5263.1.1:2020  <i>Gas appliances – Domestic gas cooking appliances</i>	AS/NZS 5263.1.1:2020  <i>Gas appliances – Domestic gas cooking appliances</i> Immediate transition to latest standard	
Domestic or similar water heating appliances – including: <ul style="list-style-type: none"> <li>Boilers (central heating and/or water heating)</li> <li>Gas boosted solar water heaters</li> <li>Instantaneous water heaters</li> <li>Storage water heaters</li> </ul>	AS 4552-2005 Gas-fired water heaters for hot water supply and/or central heating	Superseded by: AS/NZS 5263.1.2:2020  <i>Gas appliances – Gas fired water heaters for hot water supply and/or central heating</i>	AS/NZS 5263.1.2:2020  <i>Gas appliances – Gas fired water heaters for hot water supply and/or central heating</i> Immediate transition to latest standard	
Domestic or similar space heating appliances – including: <ul style="list-style-type: none"> <li>Balanced flue convection heaters</li> <li>Flueless convection heaters</li> <li>Flued radiant/convection heaters</li> <li>Flueless radiant/convection heaters</li> <li>Miscellaneous heaters</li> <li>Wall furnaces</li> </ul>	AS 4553-2008 Gas space heating appliances, including AS 4553-2008/Amdt 1-2011 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety	Superseded by: AS/NZS 5263.1.3:2016 <i>Gas appliances - Gas space heating appliances</i>	AS/NZS 5263.1.3:2016 <i>Gas appliances - Gas space heating appliances</i>  Immediate transition to latest standard	
Gas laundry dryers	AS 4554-2005 Gas laundry dryers	Current, Reconfirmed 2016:	AS 4554-2005 (R2016) Gas laundry dryers	

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		AS 4554-2005 (R2016) Gas laundry dryers Note: A draft successor standard AS/NZS 5263.1.9 <i>Gas laundry dryers</i> is in preparation	No change	
Domestic gas refrigerators	AS 4555-2002 (AG-105-2002) Domestic gas refrigerators, including AS 4555-2002 (AG 105-2002)/Amdt 1-2011	Current Reconfirmed 2016 as: AS 4555-2002 (AG 105-2002) (R2013) <i>Domestic gas refrigerators</i> ; AS 4555-2002 (AG 105-2002) (R2013)/Amdt 1-2011 <i>Domestic gas refrigerators</i>	AS 4555-2002 (AG 105-2002) (R2013) <i>Domestic gas refrigerators</i> ; AS 4555-2002 (AG 105-2002) (R2013)/Amdt 1-2011 <i>Domestic gas refrigerators</i> No change	
Ducted heaters & Duct and unit heaters	AS 4556-2011 Indirect gas-fired ducted air-heaters	Superseded by: AS/NZS 5263.1.6:2020 <i>Gas appliances – Indirect gas-fired ducted air heaters</i>	AS/NZS 5263.1.6:2020 <i>Gas appliances – Indirect gas-fired ducted air heaters</i> Immediate transition to latest standard	
Domestic outdoor gas barbecues	AS 4557-2004 Domestic outdoor gas barbecues, including AS 4557-2004/Amdt 1-2009 and AS 4557-2004/Amdt 2-2012 Or NZS/AS 4557(Int): 2013 Domestic outdoor gas barbecues	Superseded by: AS/NZS 5263.1.7:2020 <i>Gas appliances – Domestic outdoor gas appliances</i>	AS/NZS 5263.1.7:2020 <i>Gas appliances – Domestic outdoor gas appliances</i> Immediate transition to latest standard	
Decorative gas log and other fuel effect fires – including: <ul style="list-style-type: none"><li>Exterior gas lights</li><li>Gas log fires</li><li>Indoor gas lights</li></ul>	AS 4558-2011 Decorative gas log and other fuel effect fires Or NZS/AS 4558(Int):2013 Decorative gas log and other fuel effect fires	Superseded by: AS/NZS 5263.1.8:2016 <i>Gas appliances - Decorative effect gas appliances</i>	AS/NZS 5263.1.8:2016 <i>Gas appliances - Decorative effect gas appliances</i> Immediate transition to latest standard	
Gas pool heaters	AS 4560-2004 Gas pool heaters, including AS 4560-2004/Amdt 1-2009 Gas pool heaters	Current Reconfirmed 2016 as: AS 4560-2004 (R2016) Gas pool heaters; AS 4560-2004 (R2016)/Amdt 1-2009 <i>Gas pool heaters</i> Note: A draft successor standard AS/NZS 5263.1.12 <i>Gas pool heaters</i> is in preparation	AS 4560-2004 (R2016) Gas pool heaters; AS 4560-2004 (R2016)/Amdt 1-2009 <i>Gas pool heaters</i> No change	
Commercial catering gas equipment – including: <ul style="list-style-type: none"><li>Atmospheric steamers</li><li>Barbecues, charbroilers and rotisseries</li><li>Boiling tables (open and closed top)</li><li>Boiling water units</li><li>Chinese cooking tables</li><li>Food warmers including bains marie</li><li>Fryers</li><li>Ovens</li><li>Pasta cookers and rethermalisers</li><li>Ranges</li><li>Salamanders, grillers and griddles</li><li>Stockpots and brat pans</li></ul>	AS 4563-2004 Commercial catering gas equipment	Current Reconfirmed 2016 as: AS 4563-2004 (R2016) <i>Commercial catering gas equipment</i> A full revision of this standard is under way	AS 4563-2004 (R2016) <i>Commercial catering gas equipment</i> Immediate transition to latest standard	
Radiant gas heaters for outdoor and non-residential indoor use	AS 4565-2004 Radiant gas heaters for outdoor and non-residential indoor use, including AS 4565-2004/Amdt 1-2011 Radiant gas heaters for outdoor and non-	Available, Superseded It was reconfirmed in 2017 as:	AS/NZS 5263.1.4:2017 <i>Gas appliances - Radiant gas heaters</i>	

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	residential indoor use	AS 4565-2004 (R2017) <i>Radiant gas heaters for outdoor and non-residential indoor use</i> ; AS 4565-2004 (R2017)/Amdt 1-2011 <i>Radiant gas heaters for outdoor and non-residential indoor use</i>  Then superseded by: AS/NZS 5263.1.4:2017 <i>Gas appliances - Radiant gas heaters</i>	Immediate transition to latest standard	
Overhead radiant tube gas heaters	AS 4643-2007 Overhead radiant tube gas heaters	Superseded by: AS/NZS 5263.1.4:2017 <i>Gas appliances - Radiant gas heaters</i>	AS/NZS 5263.1.4:2017 <i>Gas appliances - Radiant gas heaters</i>  Immediate transition to latest standard	
LPG mobile industrial direct-fired air heaters	AS 5262-2011 LP Gas mobile industrial direct-fired air heaters	Current  Note: A draft successor standard AS/NZS 5263.1.10 <i>Gas direct fired air heaters</i> is in preparation	AS 5262-2011 LP Gas mobile industrial direct-fired air heaters  No change	

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**Appendix 1 Schedule 2A Clause 4 Standards and conditions applying to certification by SAI Global, IAPMO R & T Oceana, or Australian Gas Association, or Global-Mark Pty Ltd**

(1) This clause applies to a gas appliance or specified fittings certified by any one of the following bodies:

- (a) SAI Global Certification Services Pty Ltd (trading as SAI Global):
- (b) IAPMO R & T Oceana Pty Ltd:
- (c) Australian Gas Association:
- (d) Global-Mark Pty Ltd.

(2) The appliance or fittings must be certified to the standard specified in subclause (3), subject to the condition that an LPG appliance, other than an appliance for use with a non-refillable cartridge, must be certified as a universal LPG appliance or a New Zealand LPG appliance.

(3) The applicable standards are as follows:

Appliance and/or fittings type	Applicable standard
Atmospheric steamers	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Balanced flue convection heaters	AS 4553-2008 Gas space heating appliances, including AS 4553-2008/Amdt 1-2011 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Barbecues, charbroilers and rotisseries	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Boilers (central heating and/or water heating)	AS 4552-2005 Gas-fired water heaters for hot water supply and/or central heating  Or, until 30 June 2016: AS 4552-2000 Gas-fired water heaters for hot water supply and/or central heating
Boiling tables (open and closed top)	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Boiling water units	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Built-in cookers and ovens	AS 4551-2008 Domestic gas cooking appliances, including AS 4551-2008/Amdt 1-2009 and AS 4551-2008/Amdt 2-

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Appliance and/or fittings type	Applicable standard
	2012  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances
Camping lanterns	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3  Or, until 30 June 2016: AS 2658-2003 LP Gas—portable and mobile appliances
Caravan and marine cookers	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances
Chinese cooking tables	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Cookers and barbecues	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3  Or, until 30 June 2016: AS 2658-2003 LP Gas—portable and mobile appliances
Counter top cookers	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances
Domestic gas refrigerators	AS 4555-2002 (AG-105-2002) Domestic gas refrigerators, including AS 4555-2002 (AG 105-2002)/Amdt 1-2011
Domestic outdoor gas barbecues	AS 4557-2004 Domestic outdoor gas barbecues, including AS 4557-2004/Amdt 1-2009 and AS 4557-2004/Amdt 2-2012  Or NZS/AS 4557(Int): 2013 Domestic outdoor gas barbecues  Or, until 30 June 2016: AS 4557-2001 Domestic outdoor gas barbecues
Ducted heaters	AS 4556-2011 Indirect gas-fired ducted air-heaters  Or, until 30 June 2016: AS 4556-2000/AG 106-2000 Indirect gas-fired ducted air-heaters
Duct and unit heaters	AS 4556-2011 Indirect gas-fired ducted air-heaters  Or, until 30 June 2016: AS 4556-2000/ AG 106-2000 Indirect

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Appliance and/or fittings type	Applicable standard
	gas-fired ducted air-heaters
Elevated cookers	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances
Equipment for use with refillable cylinders	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3  Or, until 30 June 2016: AS 2658-2003 LP Gas—portable and mobile appliances
Exterior gas lights	AS 4558-2011 Decorative gas log and other fuel effect fires  Or NZS/AS 4558(Int):2013 Decorative gas log and other fuel effect fires  Or, until 30 June 2016: AS 4558-2000/AG108-2000 Decorative gas log and other fuel effect fires
Flueless convection heaters	AS 4553-2008 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Flued radiant/convection heaters	AS 4553-2008 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Flueless radiant/convection heaters	AS 4553-2008 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Food warmers including bains marie	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Freestanding cookers	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking

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Appliance and/or fittings type	Applicable standard
	appliances
Fryers	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Gas boosted solar water heaters	AS 4552-2005 Gas-fired water heaters for hot water supply and/or central heating  Or, until 30 June 2016: AS 4552-2000 Gas-fired water heaters for hot water supply and/or central heating
Gas laundry dryers	AS 4554-2005 Gas laundry dryers  Or, until 30 June 2016: AS 4554-2002 Gas laundry dryers
Gas log fires	AS 4558-2011 Decorative gas log and other fuel effect fires  NZS/AS 4558(Int):2013 Decorative gas log and other fuel effect fires  Or, until 30 June 2016: AS 4558-2000/AG108-2000 Decorative gas log and other fuel effect fires
Gas pool heaters	AS 4560-2004 Gas pool heaters, including AS 4560-2004/Amdt 1-2009 Gas pool heaters
Hotplates	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances
Indoor gas lights	AS 4558-2011 Decorative gas log and other fuel effect fires  Or NZS/AS 4558(Int):2013 Decorative gas log and other fuel effect fires  Or, until 30 June 2016: AS 4558-2000/AG108-2000 Decorative gas log and other fuel effect fires
Industrial and commercial gas-fired appliances	AS 3814-2009 Industrial and commercial gas-fired appliances  Or, until 30 June 2016: AS 3814-2002/AG 108-2000 Industrial and commercial gas-fired appliances
Instantaneous water heaters	AS 4552-2005 Gas-fired water heaters for hot water supply and/or central heating  Or, until 30 June 2016: AS 4552-2000 Gas-fired water heaters for hot water supply and/or central heating
LPG mobile industrial direct-fired air heaters	AS 5262-2011 LP Gas mobile industrial direct-fired air

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Appliance and/or fittings type	Applicable standard
	heaters  Or, until 30 June 2016: AG 404-1998 Approval requirements for LPG mobile industrial direct-fired air heaters
Miscellaneous heaters	AS 4553-2008 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Ovens	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Overhead radiant tube gas heaters	AS 4643-2007 Overhead radiant tube gas heaters
Pasta cookers and rethermalisers	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Radiant gas heaters for outdoor and non-residential indoor use	AS 4565-2004 Radiant gas heaters for outdoor and non-residential indoor use, including AS 4565-2004/Amdt 1-2011 Radiant gas heaters for outdoor and non-residential indoor use  Or, until 30 June 2016: AS 4565-2001 Outdoor radiant gas heaters
Ranges	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Salamanders, grillers and griddles	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment
Space heaters	AS 2658-2008 LP Gas—portable and mobile appliances, including AS 2658-2008/Amdt 1-2009, AS 2658-2008/Amdt 2-2011, and AS 2658-2008/Amdt 3  Or, until 30 June 2016: AS 2658-2003 LP Gas—portable and mobile appliances
Stockpots and brat pans	AS 4563-2004 Commercial catering gas equipment  Or, until 30 June 2016: AS 4563-2003 Commercial catering gas equipment

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Appliance and/or fittings type	Applicable standard
Storage water heaters	AS 4552-2005 Gas-fired water heaters for hot water supply and/or central heating  Or, until 30 June 2016: AS 4552-2000 Gas-fired water heaters for hot water supply and/or central heating
Wall furnaces	AS 4553-2008 Gas space heating appliances  Or NZS/AS 4553(Int).1:2013 Gas space heating appliances—Part 1: Essential safety  Or, until 30 June 2016: AS 4553-2000 Gas space heating appliances
Wall ovens	AS 4551-2008 Domestic gas cooking appliances  Or, until 30 June 2016: AS 4551-2000 Domestic gas cooking appliances