

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### MED 23 : Domestic And Commercial Gas Burning Appliances

**Scope:** Domestic and commercial gas burning appliances (pressure type) such as gas stoves, oven, cooking ranges and water heaters, including gobar gas stoves

**Liaison:** **ISO TC-161 (O):** *Controls and protective devices for gaseous and liquid fuels*

#### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11241:2024	Portable Liquefied Petroleum Gas Appliances Operating at Vapour Pressure - Specification (FIRST REVISION)		-	Indigenous
2	IS 11480:2023	DOMESTIC GRILLERS FOR USE WITH LIQUEFIED PETROLEUM GASES SPECIFICATION First Revision of IS 11480		-	Indigenous
3	IS 12011:2022	CODE OF SAFETY PRACTICE FOR DOMESTIC LPG INSTALLATION First Revision		-	Indigenous
4	IS 12012:2022	GAS TAPS WITH OR WITHOUT FLAME FAILURE DEVICE FOR DOMESTIC AND COMMERCIAL LIQUEFIED PETROLEUM GAS BURNING APPLIANCES SPECIFICATION ( Second Revision of IS 12012 )		-	Indigenous
5	IS 13432:2003	MECHANICAL TYPE GAS LEAK DETECTOR FOR USE WITH LOW PRESSURE LIQUEFIED PETROLEUM GAS BURNING APPLIANCES SPECIFICATION		-	Indigenous
6	IS 13432 (Part 1):1992 <span style="color: green;">Reviewed In : 2018</span> Reaffirmed but not taken up for revision	Gas leak detector for use with low pressure liquefied petroleum gas burning appliances : Part 1 mechanical type	July, 2018	1	Indigenous
7	IS 15558:2024	INSTANTANEOUS DOMESTIC WATER HEATER FOR USE WITH LPG -SPECIFICATION (First Revision of IS 15558) Amendment No - 2		2	Indigenous
8	IS 16093:2013 <span style="color: green;">Reviewed In : 2023</span>	Installation of gas based instantaneous water heater - Code	December, 2023	-	Indigenous

		of practice			
9	IS 17150:2025	MINI DOMESTIC WATER HEATER FOR USE WITH PIPED NATURAL GAS PNG - SPECIFICATION ( First Revision )		-	Indigenous
10	IS 17153:2025	DOMESTIC GAS STOVES AND BUILT IN HOB FOR USE WITH PNG SPECIFICATION (First Revision of IS 17153)		-	Indigenous
11	IS 17153:2019  <span style="color: green;">Reviewed In : 2024</span>	Domestic gas stoves for use with piped natural gas (PNG) - Specification	March, 2024	2	Indigenous
12	IS 17813:2022	Multi Layer (Polyethylene-Stainless Steel) Stainless Steel Pliable Corrugated Gas Tubing Kits in Buildings (Indoor and Outdoor) with an Operating Pressure up to 5 kg/cm <sup>2</sup> (â‰¤5 barâ‰‰) â€• Specification		-	Indigenous
13	IS 17814:2022	Corrugated Metal Flexible Safety Gas Hose Assemblies Specification		-	Indigenous
14	IS 18616:2024	PIEZOELECTRIC SPARK LIGHTER FOR GAS BURNING APPLIANCES SPECIFICATION		-	Indigenous
15	IS/ISO 22702:2018 ISO 22702:2018  Reaffirmed but not taken up for revision <span style="color: green;">ISO 22702:2018</span>	Utility lighters Safety specifications First Revision		-	Identical under single numbering
16	IS 4246:2002  <span style="color: green;">Reviewed In : 2023</span>	Domestic gas stoves for use with liquefied petroleum gases - Specification (Fifth Revision)	July, 2023	5	Indigenous
17	IS 4246:2025	DOMESTIC GAS STOVE AND BUILT IN HOB FOR USE WITH LPG SPECIFICATION (Sixth Revision )		-	Indigenous
18	IS 4473:2002 EN 30  <span style="color: green;">Reviewed In : 2023</span>	Domestic gas ovens for use with liquefied petroleum gases - Specification (First Revision)	July, 2023	2	Indigenous
19	IS 4760:2002 EN 30  <span style="color: green;">Reviewed In : 2023</span>	Domestic cooking ranges including grillers for use with liquefied petroleum gases - Specification (Third Revision)	July, 2023	1	Indigenous
20	IS 5115:2022	DOMESTIC STORAGE TYPE WATER HEATERS FOR USE WITH LPG SPECIFICATION First Revision		-	Indigenous
21	IS 5116:2020	Domestic and Commercial Equipment for Use with LPG — General Requirements ( Fourth Revision )	-	1	Indigenous
22	IS 5117:2023	COMMERCIAL BURNING BURNERS FOR USE WITH LPG SPECIFICATION Second Revision of IS 5117		-	Indigenous
23	IS 5543:2023	BAINS MARIE FOR USE WITH LPG SPECIFICATION First		-	Indigenous

		Revision of IS 5543			
24	IS 5544:2023	HOT FOOD CABINETS FOR USE WITH LPG SPECIFICATION First Revision of IS 5544		-	Indigenous
25	IS 5776:2023	BULK WATER HEATER FOR USE WITH LPG SPECIFICATION (Second Revision)		-	Indigenous
26	IS 5777:2022	FRYERS FOR USE WITH LPG SPECIFICATION First Revision		-	Indigenous
27	IS 6480:2022	TERMS RELATING TO DOMESTIC AND COMMERCIAL GAS BURNING APPLIANCES - Glossary		-	Indigenous
28	IS 7342:2022	COMMERCIAL GAS BAKING AND ROASTING OVEN - SPECIFICATION First Revision of IS 7342		-	Indigenous
29	IS 8251:2024	Commercial Cooking Ranges Including Grillers for Use with Liquefied Petroleum Gases - Specification (First Revision)		-	Indigenous
30	IS 8749:2024	Biogas Stove â€” Specification (Third Revision)		-	Indigenous
31	IS/ISO 9994:2018 ISO 9994:2018 ISO 9994:2018	Lighters Safety specifications First Revision		-	Identical under single numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
No Records Found		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	MED 23 (28441)	PORTABLE GAS APPLIANCES GENERAL SPECIFICATIONS AND TEST METHODS

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 23 (28036) <b>Amendment of: IS 17153:2019</b>	DOMESTIC GAS STOVES AND BUILT IN HOB FOR USE WITH PNG SPECIFICATION First Revision of IS 17153
2	MED 23 (28323)	INSTANTANEOUS DOMESTIC WATER HEATER FOR USE WITH LPG -SPECIFICATION First Revision of IS 15558 Amendment No - 2
3	MED 23 (33176)	DOMESTIC GAS STOVE AND BUILT IN HOB FOR USE WITH LPG SPECIFICATION Sixth Revision
4	MED 23 (33218)	Portable Liquefied Petroleum Gas Appliances Operating at Vapour Pressure - Specification FIRST REVISION
5	MED 23 (33225)	DOMESTIC GAS STOVES WITH CERAMIC BURNER FOR USE WITH LIQUEFIED PETROLEUM GASES SPECIFICATION

**Total Published Standards:28 Total Standards Under development:6**

### Aspect Wise Report

Product : 24  
 Code of Practices : 2  
 Methods of Test : 1  
 Terminology : 1  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 1  
 Others : 0  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13432 (Part 2):1998 Reviewed In : 2018	Gas Leak Indicator for Use with Low Pressure Liquefied Petroleum Gas Burning Appliances - Part 2 Electronic type
2	IS 14612:1999 Reviewed In : 2023	Commercial burners using LPG at inlet pressure up to 147 1 kN m <sup>2</sup> 1 500 gf cm <sup>2</sup> - Specification

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11241:2024	Portable Liquefied Petroleum Gas Appliances Operating at Vapour Pressure - Specification FIRST REVISION
2	IS 11480:2023	DOMESTIC GRILLERS FOR USE WITH LIQUEFIED PETROLEUM GASES SPECIFICATION First Revision of IS 11480
3	IS 12012:2022 ISO 3630-4:2023	GAS TAPS WITH OR WITHOUT FLAME FAILURE DEVICE FOR DOMESTIC AND COMMERCIAL LIQUEFIED PETROLEUM GAS BURNING APPLIANCES SPECIFICATION Second Revision of IS 12012
4	IS 13432:2003 ISO 24410:2020	MECHANICAL TYPE GAS LEAK DETECTOR FOR USE WITH LOW PRESSURE LIQUEFIED PETROLEUM GAS BURNING APPLIANCES SPECIFICATION
5	IS 15558:2024	INSTANTANEOUS DOMESTIC WATER HEATER FOR USE WITH LPG -SPECIFICATION First Revision of IS 15558 Amendment No - 2
6	IS 17150:2025	MINI DOMESTIC WATER HEATER FOR USE WITH PIPED NATURAL GAS PNG - SPECIFICATION First Revision
7	IS 17153:2025	DOMESTIC GAS STOVES AND BUILT IN HOB FOR USE WITH PNG SPECIFICATION First Revision of IS 17153
8	IS 17813:2022 ISO 27025: 2010	Multi Layer Polyethylene-Stainless Steel Stainless Steel Pliable Corrugated Gas Tubing Kits in Buildings Indoor and Outdoor with an Operating Pressure up to 5 kg cm <sup>5</sup> 5 bar Specification
9	IS 17814:2022	Corrugated Metal Flexible Safety Gas Hose Assemblies Specification

	ISO 10789:2011	
10	IS 18616:2024	PIEZOELECTRIC SPARK LIGHTER FOR GAS BURNING APPLIANCES SPECIFICATION
11	IS/ISO 22702:2018 ISO 22702:2018  Reaffirmed but not taken up for revision	Utility lighters Safety specifications First Revision
12	IS 4246:2025	DOMESTIC GAS STOVE AND BUILT IN HOB FOR USE WITH LPG SPECIFICATION Sixth Revision
13	IS 4473:2002 EN 30  Reviewed In : 2023	Domestic gas ovens for use with liquefied petroleum gases - Specification First Revision
14	IS 5115:2022 ISO 12297-2 : 2018	DOMESTIC STORAGE TYPE WATER HEATERS FOR USE WITH LPG SPECIFICATION First Revision
15	IS 5116:2020	Domestic and Commercial Equipment for Use with LPG General Requirements Fourth Revision
16	IS 5117:2023	COMMERCIAL BURNING BURNERS FOR USE WITH LPG SPECIFICATION Second Revision of IS 5117
17	IS 5543:2023 ISO 20188 : 2018	BAINS MARIE FOR USE WITH LPG SPECIFICATION First Revision of IS 5543
18	IS 5544:2023	HOT FOOD CABINETS FOR USE WITH LPG SPECIFICATION First Revision of IS 5544
19	IS 5776:2023 ISO 14302 : 2022	BULK WATER HEATER FOR USE WITH LPG SPECIFICATION Second Revision
20	IS 5777:2022 IEC 60601-1-9:2020	FRYERS FOR USE WITH LPG SPECIFICATION First Revision
21	IS 7342:2022 ISO 3107:2022	COMMERCIAL GAS BAKING AND ROASTING OVEN - SPECIFICATION First Revision of IS 7342
22	IS 8251:2024	Commercial Cooking Ranges Including Grillers for Use with Liquefied Petroleum Gases - Specification First Revision
23	IS 8749:2024	Biogas Stove Specification Third Revision
24	IS/ISO 9994:2018 ISO 9994:2018	Lighters Safety specifications First Revision