



## Code for Facilities, Technology and Inspection for Manufacturing of Portable Butane Stoves

Deliberation/Resolution by Gas Technical Standards Committee : September 16, 2022

Approval by the Ministry of Trade, Industry & Energy : October 12, 2022



## Gas Technical Standards Committee

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This code is the detailed standards established by the Gas Technical Standards Committee in accordance with Article 22-2 of "High-Pressure Gas Safety Control Act", Article 45 of "Safety Control and Business of Liquefied Petroleum Gas Act" and Article 17-5 of "Urban Gas Business Act", Article 48 of "Hydrogen Economy Promotion and Hydrogen Safety Management Act". Since conformity to this Code is deemed to conform to the laws and regulations above, this Code must be observed.

This English version of KGS Code is an informal translation from its Korean original version. Only the Korean version of the KGS Code is officially effective since it has been authorized by the Gas Technical Standards Committee (KGS Code Committee). The secretariat of the Committee reserves the right to revise the English version whenever translation errors are found.

<b>History of Establishment and Revision of KGS Code</b>	
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Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Portable Butane Stoves

Date of Establishment/Revision	Description
December 31, 2008	Established (Notification of the Ministry of Knowledge Economy No. 2008-380)
May 15, 2009	Revised (Notification of the Ministry of Knowledge Economy No. 2009-193)
September 24, 2010	Revised (Notification of the Ministry of Knowledge Economy No. 2010-374)
January 5, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2011-635)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-313)
May 27, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-231)
November 17, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-589)
November 4, 2015	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2015-578)
January 8, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-6)
December 15, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2016-638)
December 13, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-607)
April 2, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2021-274)
October 12, 2022	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2022-760)



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# Code for Facilities, Technology and Inspection for Manufacturing of Portable Butane Gas Stoves

## 1. General

### 1.1 Scope

**1.1.1** This Code applies to facilities, technology and inspection for manufacturing of portable butane stoves (hereinafter referred to as "stoves") which, among combustors, use jointed or welded gas cylinder filled with liquefied butane gas in conformity to the Enforcement Regulation of the Safety Control and Business Regulation of Liquefied Petroleum Gas Act (hereinafter referred to as "Enforcement Regulation"), Table 3 No. 10 and Table 7, No.4-j. <Revised on November 4, 2015>

**1.1.2** The combustors excluded from gas appliances subject to license in conformity with the Enforcement Regulation, Table 7, No.5-b are as follows:

- (1) Gas torches used for welding and cutting,
- (2) Dryer combustors used in casting sand dryers, printing ink dryers, concrete dryers, etc.,
- (3) Combustors for heat treatment furnaces or heating furnaces used in metal heat treatment furnaces, glass and ceramic furnaces, atmosphere gas furnaces, etc.,
- (4) Melting furnace combustors used in metal melting, glass melting, etc.,
- (5) Combustors attached to gas cylinder of which internal volume is less than 100 mL, and
- (6) Other combustors acknowledged by the Minister of Trade, Industry & Energy as having no safety problems.

### 1.2 Validity of Code

**1.2.1** This Code has passed deliberation and resolution by the Gas Technical Standards Committee (Bill No. 2022-7, September 16, 2022) in conformity to the High Pressure Gas Safety Control Act (hereinafter referred to as "High Pressure Gas Act"), Article 33-2 in accordance with the Safety Control and Business Regulation of Liquefied Petroleum Gas Act (hereinafter referred to as "Act"), Article 45, Clause 1, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2022-760 of the Ministry of Trade, Industry & Energy, October 12, 2022) and is valid and