



Code for Facilities, Technology and Inspection for Manufacturing of Forced Mixing Type Gas Burners

Deliberation/Resolution by Gas Technical Standards Committee : October 22, 2021

Approval by the Ministry of Trade, Industry & Energy : November 18, 2021

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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.

History of Establishment & Revision of KGS Code

Item Code No.	KGS AB931 ²⁰²¹
Code Name	Code for Facilities, Technology and Inspection for Manufacturing of Forced mixed type Gas Burners

Revision Date	Item
Dec. 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)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy, No. 2012-313)
November 17, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-589)
April 14, 2015	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2015-223)
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)
January 9, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-003)
September 29, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-475)
March 18, 2020	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2020-169)
January 12, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2021-014)
October 8, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2021-699)

November 18, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2021-785)
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Code for Facilities, Technology and Inspection for Manufacturing of Forced mixed type Gas Burners

1. General

1.1 Scope

1.1.1 This Code applies to facilities, technology and inspection for manufacturing of forced mixed type gas burners in conformity to the Enforcement Regulation of the Safety Control and Business Regulation of Liquefied Petroleum Gas Act (hereinafter referred to as "the Enforcement Regulation"), Table 3, No. 9 and Table 7, No. 4-i. However, combustors in conformity to the Enforcement Regulation, Table 3, No. 10 and forced mixed type gas burners attached to the combustors specified in Table 7, No. 5-b are not covered by this Code. <Revised on November 4, 2015>

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

- (1) Gas torches used in welding and cutting,
- (2) Dryer burners used in cast sand dryers, printing ink dryers, concrete dryers, etc.,
- (3) Heater burners of heat treatment furnaces or heating furnaces used in metal heat treatment furnaces, glass and ceramic furnaces, controlled atmosphere furnace, etc.,
- (4) Burners for melting furnaces used for melting metal or glass,
- (5) Burners attached to gas cylinders of which internal volume is less than 100 mL, and
- (6) Other burners accepted by the Minister of Trade, Industry & Energy as being free of safety problems. <Revised on September 29, 2017>

1.2 Validity of Code

1.2.1 This Code has passed deliberation and resolution by the Gas Technical Standards Committee (Bill No. 2021-8, October 22, 2021) 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. 2021-785 of the Ministry of Trade, Industry & Energy, November 18, 2021), and is valid and