



Code for Facilities, Technology and Inspection for Manufacturing of Gas Boilers of Conventional Flue (CF) Type and Balanced Flue (BF) Type

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

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

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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 and Revision of KGS Code	
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Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Gas Boilers of Conventional Flue (CF) Type and Balanced Flue (BF) Type

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)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-313)
August 13, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-391)
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. 2016-006)
February 10, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-066)
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April 2, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No.2021-274)
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1. General

1.1 Scope

1.1.1 This Code applies to the facilities, technology and inspection for manufacturing of gas hot water boilers of conventional flue type and balanced flue type (hereinafter referred to as "boilers") which come under the following (1) and (2) among the combustion equipment in conformity to the Enforcement Regulation of the Safety Control and Business 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) Boilers of which total heat input is not over 70 kW(60,000 kcal/h) on the basis of gross heating value (gross heating value based on 0°C and 1 atm; hereinafter the same shall apply unless otherwise specified), and

(2) Boilers of which gas working pressure is not over 3.3 kPa.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by 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 Act"), Article 33-2 in accordance with the Safety Control and Business of Liquefied Petroleum Gas Act (hereinafter referred to as "the 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 effective as the detailed standards in conformity to the Act, Article 45, Clause 1. <Revised on February 10, 2017>

1.2.2 Conformity to this Code is deemed to conform to Table 7 of the Enforcement Regulation of the Act in accordance with the Act, Article 45, Clause 4. <Revised on November 4, 2015>

1.3 Reference Codes and Standards