



## Code for Facilities, Technology and Inspection for Manufacturing of Pressure Regulators for City Gas

Deliberation/Resolution by Gas Technical Standards Committee : February 18, 2022

Approval by the Ministry of Trade, Industry & Energy : March 28, 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.

### History of Establishment and Revision of KGS Code

Code Number	KGS AA431 <sup>2022</sup>
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Pressure Regulators for City Gas

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)
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)
December 10, 2015	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2015-641)
January 8, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-006)
December 15, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-638)
February 10, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-066)
September 29, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-475)
November 20, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-542)
December 13, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-607)
March 28, 2022	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2022-250)



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# Code for Facilities, Technology and Inspection for Manufacturing of Pressure Regulators for City Gas

## 1. General

### 1.1 Scope

This Code applies to facilities, technology and inspection for manufacturing of pressure regulators for governors and city gas (hereinafter referred to as "pressure regulators") among pressure regulators 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.1 and Table 7, No. 4-a. However, pressure regulators coming under the following (1) to (3) are not covered by this Code: <Revised on December 10, 2015>

- (1) Pressure regulators of which maximum inlet pressure is not lower than 1 MPa;
- (2) Pressure regulators of which outlet pressure is lower than 1 kPa; and
- (3) Pressure regulators which are used as combustor parts.

### 1.2 Validity of Code

**1.2.1** This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2022-1, February 18, 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. 2016-6 of the Ministry of Trade, Industry & Energy, March 28, 2022), and is valid and effective as the detailed standards in conformity to the Act, Article 45, Clause 1.

**1.2.2** Conformity to this Code is deemed to conform to Table 7 of the Enforcement Regulation in accordance with the Act, Article 45, Clause 4. <Revised on December 10, 2015>

### 1.3 Reference Codes and Standards