KGS FU212 2021

Code for Facilities, Technology and Inspection for Use of Special High-pressure Gases

Deliberation/Resolution by Gas Technical Standards Committee : October 22, 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 and Revision of KGS Code	
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Date of Establishment/Revision	Description
December 30, 2008	Established (Notification of the Ministry of Knowledge Economy No. 2008-379)
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Code for Facilities, Technology and Inspection for Use of Special High-pressure Gases

1. General

1.1 Scope

This code applies to the installations, technology and inspection of the installations of the users of compressed monosilane, compressed diborane, liquefied align, phosphine, hydrogen selenide, germane, disilane, 5-arsenic fluoride, 5-phosphor fluoride, 3-phosphor fluoride, 3-nitrogen fluoride, 3-boron fluoride, 4-sulfur fluoride, and 4-silica fluoride among specified high-pressure gases in conformity to the High-pressure Gas Safety Control Act (hereinafter referred to as "the Act") Article 20, Clause 1.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by the Gas Technical Standards Committee (Bill No. 2021-8, October 22, 2021) in accordance with to the Act, Article 22-2, No. 2, 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 effective as detailed standards in conformity to the Act, Article 22-2, No. 1.

1.2.2 Conformity to this Code is deemed to conform to Table 8, No.2 of the Enforcement Regulation of the Act (hereinafter referred to as "Enforcement Regulation") in accordance with the Act, Article 22-2, No. 4.

1.3 Definitions

The meanings of the terms used in this Code are as follows:

1.3.1 "Combustible gases" mean acrylonytrile, acrylaldehyde, acetaldehyde, acetylene, ammonia,