



Code for Facilities, Technology and Inspection for Manufacturing of LNG Storage Tanks

Deliberation/Resolution by Gas Technical Standards Committee : November 19, 2021

Approval by the Ministry of Trade, Industry & Energy : January 10, 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	
Code Number	KGS AC115 ²⁰²²
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of LNG Storage Tanks

Date of Establishment/Revision	Description
December 30, 2008	Established (Notification of the Ministry of Knowledge Economy No. 2008-379)
May 15, 2009	Revised (Notification of the Ministry of Knowledge Economy No. 2009-193)
January 3, 2011	Revised (Notification of the Ministry of Knowledge Economy No. 2010-489)
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)
July 17, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-354)
June 2, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy Economy No. 2017-298)
September 29, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-475)
March 9, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-129)
December 13, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-607)
January 16, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-026)
August 14, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-489)
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)
January 10, 2022	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2022-012)

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1. General

1.1 Scope

This Code applies to the facilities, technology and inspection for manufacturing of liquefied natural gas storage tanks (to the welded or flanged connection upstream of the first shutoff valve from the tank body; hereinafter referred to as "storage tanks") among specified facilities in conformity to the High-Pressure Gas Safety Control Act (hereinafter referred to as "the Act"), Article 3, Clause 5.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2021-9, November 19, 2021) in accordance with the Act, Article 22-2 Clause 2, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2021-12 of the Ministry of Trade, Industry & Energy, January 10, 2022), and is valid and effective as the detailed standards in conformity to the Act, Article 22-2, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 12 of the Enforcement Regulation of the High-Pressure Gas Safety Control Act (hereinafter referred to as "Enforcement Regulation") in accordance with the Act, Article 22-2, Clause 4.

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

1.3.1.1 In case the Minister of Trade, Industry & Energy acknowledges that the storage tank does not meet the inspection standard in conformity to this Code in accordance with the Enforcement Regulation,