



Code for Facilities, Technology and Inspection for Manufacturing of Gas Fuel Cells

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

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

Gas Technical Standards Committee

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| Chairman | Byung-Hak Choi, Professor of Gangneung-Wonju National University |
| Vice-Chairman | Gi-hyun Jang, Professor of Inha University |
| | |
| Ex Officio Member | Yoon-Gil Hwang, Manager of Energy Safety Department, Ministry of Trade, Industry & Energy Chae-Sik Kwak, Director of Technology and Safety, Korea Gas Safety Corporation |
| <hr/> | |
| High-Pressure Gas | Byung-Hak Choi, Professor of Gangneung-Wonju National University Seong-Jin Song, Vice president of SungKyunKwan University Beom-Seok Lee, Professor of KyungHee University Chun-Seok Yoon, CEO of Hanul E&R Yeong-Hoon Ann, Professor of HanYang University |
| Liquefied Petroleum Gas | Hyeong-Hwan Ann, Professor of Korea National University of Transportation Hyuk-Myun Kwon, Professor of YonSei University Jeong-Sik Cheon, Director of E1 CO., Ltd. kyung-Soo Kang, Senior Researcher of Korea Institute of Energy Research Yong-Kwon Lee, Vice-President of DaeYeon Co., Ltd. |
| Urban Gas | Dong-Il Shin, Professor of MyongJi University Jeong-Hoon Kim, Principal Researcher of Korea Institute of Machinery and Materials In-Cheol Jeong, Director of Yesco Co., Ltd. Gi-hyun Jang, Professor of Inha University |
| Hydrogen Gas | Kwang-Won Lee, Professor of HoSeo University Ho-young Jeong, Professor of ChonNam National University In-Yong Kang, CEO of H&Power Co., Ltd. Woon-Bong Baek, Senior Researcher of Korea Institute of Standards and Science |

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 Number | KGS AB934 ²⁰²¹ |
| Code Title | Code for Facilities, Technology and Inspection for Manufacturing of Gas Fuel Cells |

| 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) |
| January 3, 2011 | Revised (Notification of the Ministry of Knowledge Economy No. 2010-489) |
| June 26, 2012 | Revised (Notification of the Ministry of Knowledge Economy No. 2012-313) |
| May 20, 2013 | Revised (Notification of the Ministry of Trade, Industry & Energy No. 2013-087) |
| 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) |
| May 5, 2018 | Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-252) |
| August 14, 2019 | Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-489) |
| 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 Gas Fuel Cells

1. General

1.1 Scope

1.1.1 This Code applies to the facilities, technology and inspection for manufacturing of the gas fuel cells of which heat input is not over 232.6 kW (200,000 kcal/h) and which are in conformity to the Enforcement Regulation of the Safety Control and Business Regulation of Liquefied Petroleum Gas Act (hereinafter referred to as "Enforcement Regulation"), Table 3, No. 13 and Table 7, No.4-m.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by 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, Clause 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 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 November 4, 2015>

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

In case the Minister of Knowledge Economy accepts that the new manufacturing and inspection methods of new gas fuel cells developed through technology development do not meet the