



Code for Facilities, Technology and Inspection for Manufacturing of Seamless Cylinders for High-Pressure Gases

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	
Code No.	KGS AC212 ²⁰²²
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Seamless Cylinders for High-Pressure Gas

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December 30, 2008	Established (Notification of the Ministry of Knowledge Economy, No. 2008-379)
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January 6, 2010	Revised (Notification of the Ministry of Knowledge Economy, No. 2009-480)
January 3, 2011	Revised (Notification of the Ministry of Knowledge Economy, No. 2010-489)
May 25, 2011	Revised (Notification of the Ministry of Knowledge Economy, No. 2011-261)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy, No. 2012-313)
December 28, 2012	Revised (Notification of the Ministry of Knowledge Economy, No. 2012-549)
December 31, 2013	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2013-353)
May 27, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-231)
November 17, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-589)

June 10, 2015	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2015-331)
August 7, 2015	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2015-436)
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. 2016-6)
July 11, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-354)
December 15, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-638)
June 2, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-298)
September 29, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-475)
April 10, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-193)
October 16, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-512)
August 14, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-489)
May 11, 2020	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2020-301)
October 8, 2021	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2021-699)
October 12, 2022	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2022-760)

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Code for Facilities, Technology and Inspection for Manufacturing of Seamless Cylinders for High-Pressure Gases

1. General

1.1 Scope

This code applies to facilities, technology and inspection for manufacturing of seamless cylinders (hereinafter referred to as "cylinders") among cylinders in conformity to the High-Pressure Gas Safety Control Act (hereinafter referred to the "Act"), Article 3, Clause 2. However, disposable cylinders which are manufactured for aerosol cutting and welding and of which internal volume is not over 1 liter shall conform to KGS AC 311 (Code for Facilities, Technology and Inspection for Manufacturing of Soldered or Joined Cylinders for High-Pressure Gases).

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 accordance with the Act, Article 22-2, Clause 2, 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 22-2, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 10 of the 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 cylinders do not