KGS Code

KGS AB331 2018

Code for Facilities, Technology and Inspection for Manufacturing of Gas Ranges

Deliberation/Resolution by Gas Technical Standards Committee : November 23, 2018

Approval by the Ministry of Trade, Industry & Energy : December 13, 2018

Personnel

Gas Technical Standards Committee

Chairman	Kwang-Won Lee, Professor of Hoseo University
Vice-Chairman	Seung-Hoon Nam, Principal Researcher of KRISS
Ex Officio Member	Hui-Won Lee, Manager of Energy Safety Department, Ministry of Trade, Industry & Energy
	Hae-Myeong Yang, Director of Technology and Safety, Korea Gas Safety Corporation
High-Pressure Gas	Seung-Hoon Nam, Principal Researcher of KRISS
	Beom-Seok Lee, Principal Professor of Kyung Hee University
	Dong-Myeong Ha, Professor of Semyung University
	Chang-Gi Kim, Principal Researcher of Korea Institute of Machinery and Materials
	Hyuk-Myun Kwon, Director General of Occupational Safety & Health Research Institute
	Su-Dong Byun, CEO of Q-Best
Liquefied Petroleum Gas	Doo-Seon Park, Managing Director of Daesung Industrial Gas Co., Ltd
	Hyeong-Hwan Ann, Professor of Korea National University of Transportation
	Byeong-Hak Choei, Professor of Gangneung-Wonju National University
	Seong-Min Lee, Director of KOGAS Research Institute
	Yong-Gwon Lee, Vice-President of EG CNE Co.,Ltd
	Gi-hyeon Jang, Director of Kiturmi
	Jeong-Sik Chon, Direto of E1 CO., Ltd.

History of Establishment and Revision of KGS Code	
Code Number	KGS AB331 2018
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Gas Ranges

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)
April 15, 2011	Revised (Notification of the Ministry of Knowledge Economy No. 2011-173)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-313)
August 13, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-391)
May 20, 2013	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2013-087)
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)
December 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)
January 9, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2017-3)
December 13, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-607)

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Code for Facilities, Technology and Inspection for Manufacturing of Gas Ranges

1. General

1.1 Scope

1.1.1 This Code applies to facilities, technology and inspection for manufacturing of the liquefied petroleum gas ranges or city gas ranges (hereinafter referred to as "gas ranges") which come under the following (1) to (3) among the combustors 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. 10 and Table 7, No.4-j: <Revised on November 4, 2015>

(1) The total heat input rate is not over 16.7 kw (14,400 kcal/hr).

(2) The heat input rate of one burner is not over 5.8 kw (5,000 kcal/hr). <Revised on May 15, 2009>

(3) The working gas pressure is not over 3.3 kPa. <Revised on May 15, 2009>

1.1.2 The combustors excluded from the gas appliances subject to license in conformity to the Enforcement Regulation, Table 7, No.5-b are as follows:

(1) Gas torches used for welding and cutting,

(2) Dryer combustors used in casting sand dryers, printing ink dryers, concrete dryers, etc.,

(3) Combustors for heat treatment furnaces or heating furnaces used as metal heat treatment furnaces, glass and ceramic furnaces, atmosphere gas furnaces, etc.,

(4) Melting furnace combustors used in metal melting, glass melting, etc.,

(5) Combustors attached to gas canisters of which internal volume is less than 100 mL, and

(6) Other combustors acknowledged by the Minister of Trade, Industry & Energy to be free from any problem in safety control.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee