



Code for Facilities, Technology and Inspection for Installations Using Urban Gas

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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.

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Code for Facilities, Technology and Inspection for Installations Using urban Gas

1. General

1.1 Scope

This code applies to the installation, operation and inspection of installations using urban gas in conformity to the Urban Gas Business Act (hereinafter to be referred to as "the Act"), Article 2, No. 6.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by the Gas Technical Standards Committee (Bill No. 2019-10, December 20, 2019) in conformity to the High-Pressure Gas Safety Control Act, Article 33-2 in accordance with the Act, Article 17-5, Clause 2, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2020-169 of the Ministry of Trade, Industry & Energy, March 18, 2020) and is valid and effective as detailed standards in conformity to the Act, Article 17-5, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 7 of the Enforcement Regulation of the Act (hereinafter referred to as "Enforcement Regulation") in accordance with the Act, Article 17-5, Clause 4.

1.3 Definitions

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

1.3.1"Piping" means main piping, supply piping and internal piping.

1.3.2"Apartments, etc." mean apartments, officetels, condominiums and other buildings recognized by the Minister of Trade, Industry and Energy to be such buildings for the sake of safety control.

1.3.3“Internal piping” means the piping from the perimeter of the land owned or occupied by a gas consumer (from the upstream valve of the gas meter if the gas meter is installed on the external wall of a building owned or occupied by gas consumers in an apartment, etc. or from the external wall of the building if the gas meter is installed inside the building) to the gas combustor.

1.3.4“High pressure” means a pressure not lower than 1 MPa (gauge pressure; hereinafter the same shall apply). However, Liquefied gas in a liquid phase is regarded as high pressure gas.

1.3.5“Medium pressure” means a pressure not lower than 0.1 MPa to but not including 1 MPa. However, in case a liquefied gas is vaporized and not mixed with other gases, “medium pressure” means a pressure not lower than 0.1 MPa to but not including 0.2 MPa.

1.3.6“Low pressure” means a pressure lower than 0.1 MPa. However, in case a liquefied gas is vaporized and not mixed with other gases, “low pressure” means a pressure lower than 0.01 MPa.

1.3.7“Liquefied gas” means a gas of which pressure is not lower than 0.2 MPa at its normal temperature or at 35°C.

1.3.8“Protected installations” mean the following Class 1 protected installations and Class 2 protected installations:

1.3.8.1 Class 1 protected installations <Revised on December 18, 2013>

(1) Buildings [buildings or structures in the case of (1-4)] which come under one of the followings:

(1-1) Schools in conformity to the Elementary and Secondary Education Act, Article 2 and the Higher Education Act, Article 2,

(1-2) Kindergartens in conformity to the Early Childhood Education Act, Article 2, No.2,

(1-3) Infant care facilities in conformity to the Infant Care Act, Article 2, No.3,

(1-4) Children’s play facilities in conformity to the Children’s Play Facility Safety Control Act, Article 2, No.2,

(1-5) Welfare centers for the aged in conformity to the Welfare of the Aged Act, Article 36, No.2,

(1-6) Juvenile training facilities in conformity to the Juvenile Activity Promotion Act, Article 19, No.1,

(1-7) Teaching institutes in conformity to the Act on the Establishment and Operation of Private Teaching Institutes and Extracurricular Lessons, Article 2, No.1,

(1-8) Hospital class medical institutes and clinic class medical institutes in conformity to the Medical Service Act, Article 3, Clause 2, No.1 and No.3 (inclusive of funeral service centers in conformity to the Medical Service Act, Article 49, Clause 1, No.4),