



## **Code for Facilities, Technology and Inspection for Refueling by On-site Hydrogen Production Vehicles**

Deliberation/Resolution by Gas Technical Standards Committee : May 17, 2019

Approval by the Ministry of Trade, Industry & Energy : June 14, 2019



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**History of Establishment and Revision of KGS Code**

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Code Title	Code for Facilities, Technology and Inspection for Refueling by On-site Hydrogen Production Vehicles

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**Table of Contents**

1. General	1
1.1 Scope	1
1.2 Validity of Code	1
1.3 Definitions	1
1.4 Application of Other Codes (currently not used)	5
1.5 Interim Measures	5
1.5.1 Interim measure for installation of tail pipes for overpressure safety devices <Newly established on August 16, 2013>	5
1.6 Restriction to Use of Appliances	5
2. Installation Standard	5
2.1 Layout Standard	5
2.1.1 Distance from protected installations	5
2.1.2 Distance from naked lights	6
2.1.3 Distance from other facilities	7
2.1.4 Distance from boundary of business place	7
2.1.5 Distance from road boundary	7
2.1.6 Distance from railroad	7
2.2 Foundation Standard	8
2.2.1 Site survey	8
2.2.2 Foundation works	11
2.2.3 Fixation of storage tanks	13
2.3 Storage Facility Standard	17
2.3.1 Materials of storage facilities	17
2.3.2 Construction of storage facilities	17
2.3.3 Installation of storage facilities	17
2.4 Gas Facility Standard	21
2.4.1 Materials of gas facilities	22
2.4.2 Construction of gas facilities	22
2.4.3 Thickness and strength of gas facilities	22
2.4.4 Installation of gas facilities	28
2.4.5 Performance of gas facilities	32
2.5. Piping Facility Standard	32
2.5.1 Materials of piping facilities	32
2.5.2 Configuration of piping facilities	40
2.5.3 Thickness of piping facilities	40

2.5.4 Jointing of piping facilities	43
2.5.5 Measures for absorption of expansion and contraction of piping facilities	44
2.5.6 Electric insulation of piping facilities	45
2.5.7 Installation of piping facilities	46
2.5.8 Installation of associated piping facilities	48
2.5.9 Performance of piping facilities	48
2.6. Accident prevention facility standard	48
2.6.1 Installation of overpressure safety devices	48
2.6.2 Installation of gas leak detection and alarm systems	61
2.6.3 Installation of emergency shutoff devices	64
2.6.4 Installation of check valves	66
2.6.5 Installation of flame arresters (currently not used)	66
2.6.6 Installation of hazard monitors and controllers (currently not used)	67
2.6.7 Installation of accidental start prevention devices	67
2.6.8 Installation of explosion-proof electrical facilities	67
2.6.9 Installation of ventilation systems	67
2.6.10 Installation of corrosion protection systems	67
2.6.11 Installation of static eliminators	69
2.6.12 Installation of toppling prevention devices (not applicable)	70
2.6.13 Installation of insulation facilities (currently not used)	70
2.6.14 Installation of internal reaction monitors (currently not used)	70
2.6.15 Installation of hazard prevention facilities (currently not used)	70
2.6.16 Installation of interlocks (currently not used)	70
2.6.17 Installation of gas cutoff devices (currently not used)	70
2.6.18 Installation of emergency decoupling devices	70
2.6.19 Installation of protection facility for dispensers	71
2.6.20 Installation of flame supervision devices	71
2.7 Damage Control Facility Standard	71
2.7.1 Installation of dikes	71
2.7.2 Installation of protection walls	75
2.7.3 Installation of sprinkler systems (not applicable)	79
2.7.4 Installation of detoxification facilities (not applicable)	79
2.7.5 Installation of neutralization and transfer facilities (not applicable)	79
2.7.6 Installation of wind indicators (not applicable)	79
2.7.7 Installation of firefighting facilities	79
2.7.8 Installation of passages	79
2.7.9 Installation of temperature rise prevention facilities	79
2.8 Associated Facilities Standard	82



2.8.1 Installation of measuring facilities	82
2.8.2 Installation of emergency power systems	83
2.8.3 Installation of communication systems	84
2.8.4 Installation of operation facilities	85
2.8.5 Installation of safety maintenance facilities (not applicable)	85
2.8.6 Installation of safety supply facilities (not applicable)	85
2.8.7 Installation of vent systems	85
2.9 Marking standard	86
2.9.1 Boundary markings and warning signs	86
2.9.2 Identification marks and hazard signs (not applicable)	89
2.9.3 Boundary fences	89
2.10 Other standards (currently not used)	90
3. Technical Standard	90
3.1 Safety Maintenance Standard	90
3.1.1 Maintenance of foundations (currently not used)	90
3.1.2 Maintenance of storage facilities	90
3.1.3 Maintenance of gas facilities	94
3.1.4 Maintenance of piping (currently not used)	97
3.1.5 Maintenance of accident prevention facilities	97
3.1.6 Maintenance of damage control facilities (currently not used)	98
3.1.7 Maintenance of associated facilities	98
3.2 Manufacturing and Filling Standard	98
3.2.1 Preparation for manufacturing and filling (currently not used)	98
3.2.2 Manufacturing and filling operation	98
3.2.3 Post management after manufacturing and filling	98
3.3 Inspection Standard	99
3.3.1 Inspection of overall systems (currently not used)	100
3.3.2 Inspection of foundations (currently not used)	100
3.3.3 Inspection of storage facilities (currently not used)	100
3.3.4 Inspection of filling facilities	100
3.3.5 Inspection of piping (currently not used)	102
3.3.6 Inspection of accident prevention facilities (currently not used)	102
3.3.7 Inspection of damage control facilities	102
3.3.8 Inspection of associated facilities	102
3.4 Repairs, Cleaning and Removal Standard	103
3.4.1 Preparation for repairs, cleaning and removal	103
3.4.2 Repairs, cleaning and removal works	104

3.4.3 Post management after repairs, cleaning and removal	105
4. Inspection Standard	106
4.1 Inspection Items	106
4.1.1 Intermediate inspection	106
4.1.2 Completion inspection	106
4.1.3 Regular inspection	107
4.1.4 Occasional inspection	109
4.2 Inspection Methods	109
4.2.1 Intermediate inspection	109
4.2.2 Completion inspection and regular inspection	113

**KGS FP216<sup>2019</sup>****Code for Facilities, Technology and Inspection for Refueling by On-site  
Hydrogen Production Vehicles****1. General****1.1 Scope**

This code applies to the facilities, technology and inspection for installations producing, compressing and filling hydrogen into vehicles among high-pressure manufacturing installations in conformity to the Enforcement Decree of the High-pressure Gas Safety Control Act (hereinafter referred to as "the Enforcement Decree"), Article 3, Clause 1, 2.

**1.2 Validity of Code**

**1.2.1** This Code has passed the deliberation and resolution by the Gas Technical Standards Committee (Bill No. 2019-4, May 17, 2019) in accordance with to the High-pressure Gas Safety Control Act (hereinafter referred to as "the Act"), Article 22-2, Clause 2, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2019-375 of the Ministry of Trade, Industry & Energy, June 14, 2019), 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 Attached Table 5, 1 of the Enforcement Rule of the High-pressure Gas Safety Control Act (hereinafter referred to as "Enforcement Rule") in accordance with the Act, Article 22-2, Clause 4.

**1.3 Definitions**

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

**1.3.1** "Combustible gases" mean acrylonitrile, acrylaldehyde, acetaldehyde, acetylene, ammonia, hydrogen, hydrogen sulfide, hydrogen cyanide, carbon monoxide, carbon disulfide, methane, methane chloride, methane bromide, ethane, ethane chloride, vinyl chloride, ethylene, ethylene oxide, propane, cyclo-propane, propylene, propylene oxide, butane, butadiene, butylene, methyl ether, mono-methylamine, di-methylamine, tri-methylamine, ethylamine, benzene, ethyl benzene,