



Code for Facilities, Technology and Inspection for Manufacturing of Residual Gas Recovery Units

Deliberation/Resolution by Gas Technical Standards Committee : May 17, 2019
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History of Establishment and Revision of KGS Code

Code Number	KGS AA914 ²⁰¹⁹
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Residual Gas Recovery Units

Date of Establishment/Revision	Description
December 30, 2008	Established (Notification of the Ministry of Knowledge Economy, No. 2008-379)
May 15, 2009	Revised (Notification of the Ministry of Knowledge Economy, No. 2009-193)
August 13, 2012	Revised (Notification of the Ministry of Knowledge Economy, No. 2012-391)
January 8, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2016-006)
November 23, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2016-603)
February 10, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2017-066)
September 29, 2017	Revised (Notification of the Ministry of Trade, Industry & Energy, No. 2017-475)
December 13, 2018	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2018-607)
January 16, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-026)
June 14, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-375)
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Code for Facilities, Technology and Inspection for Manufacturing of Residual Gas Recovery Units for LPG Cylinders

1. General

1.1 Scope

This Code applies to the facilities, technology and inspection for manufacturing of residual gas recovery units for liquefied petroleum gas in cylinders in conformity to the High-pressure Gas Safety Control Act (hereinafter referred to as "the Act"), Article 3, 5.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2019-4, May 17, 2019) in conformity to 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 Table 12 of the Enforcement Rule of the High-pressure Gas Safety Control Act (hereinafter referred to as "the Enforcement Rule") in accordance with the Act, Article 45, Clause 4. <Revised on December 10, 2015>

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

In case the Minister of Trade, Industry & Energy acknowledges that the residual gas recovery units developed through technology development do not conform to the inspection standard in conformity to this Code but does not hinder safety control in accordance with the Enforcement Rule, Table 12, No. 4, the manufacturing and inspection methods of such residual gas recovery units may be restrictively applicable only to the residual gas recovery units. <Revised on September 29, 2017>

1.4 Definitions (currently not used)**1.5 Application of Codes and Standards** (currently not used)**1.6 Interim Measures** (currently not used)**1.7 Restriction to use of parts**

In case specified facilities and gas appliances to be used in residual gas recovery units are the inspection objects in conformity to the Act and the Safety Control and Business of Liquefied Petroleum Gas Act, the facilities and appliances shall have passed the inspections.

2. Manufacturing Installation Standard**2.1 Manufacturing Facilities**

A person who intends to manufacture residual gas recovery units shall be furnished with manufacturing facilities (restrictive to facilities necessary for the residual gas recovery units to be manufactured) in conformity to this installation standard to manufacture the residual gas recovery units. However, In case the results of the technical review in conformity to the Enforcement Rule, Article 5, Clause 2, 3 acknowledge that it will not hinder quality control if the manufacturing facilities of specialist parts companies are utilized or the parts manufactured by them are used, the facilities necessary for manufacturing of such parts may not be furnished.

- (1) Fabrication facilities,
- (2) Welding machines,
- (3) Assembly facilities,
- (4) Cleaning facilities, and
- (5) Other facilities and appliances necessary for manufacturing of residual gas recovery units,

2.2 Inspection Facilities