



Code for Facilities, Technology and Inspection for Manufacturing of Medium-sized Gas Boilers

Deliberation/Resolution by Gas Technical Standards Committee : October 18, 2019

Approval by the Ministry of Trade, Industry & Energy : March 18, 2020

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KGS AB132 ²⁰²⁰

**Code for Facilities, Technology and Inspection
for Manufacturing of Medium-sized Gas
Boilers**

History of Establishment and Revision of KGS Code

Code Number	KGS AB132 ²⁰²⁰
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Medium-sized Boilers

[illegible]

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Code for Facilities, Technology and Inspection for Manufacturing of Medium-sized Boilers

1. General

1.1 Scope

1.1.1 This Code applies to the facilities, technology and inspection for manufacturing of medium-sized gas combination boilers (hereinafter referred to as "boilers") in conformity to the following (1) and (2) among the combustion equipment conforming 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) Boilers of which total gas input rating is over 70 kW(60,000 kcal/h) to 232.6 kW(200,000 kcal/h) inclusive on the basis of gross heating value (gross heating value based on 0°C and 1 atm; hereinafter the same shall apply unless otherwise specified)<Revised on April 5, 2012>, and

(2) Boilers of which gas working pressure is not over 3.3kPa.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2019-8, October 18, 2019) in conformity to the High Pressure Gas Safety Control Act (hereinafter referred to as "High Pressure Gas Act"), Article 33, Clause 2 in accordance with the Safety Control and Business Regulation of Liquefied Petroleum Gas Act, Article 45, Clause 1, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2020-167 of the Ministry of Trade, Industry & Energy, March 18, 2020), and is valid and effective as the detailed standards in conformity to the Act, Article 45, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 7 of the Enforcement Regulation of the Act in accordance with the Act, Article 45, Clause 4. <Revised on November 4, 2015>

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

In case the Minister of Trade, Industry & Energy accepts that the new manufacturing and inspection methods of boilers developed through new technology development do not meet the standard for facilities, technology and inspection conforming to this Code in accordance with the Enforcement Regulation, Table 7, No. 5-a but do not hinder safety control, such manufacturing and inspection methods of those boilers may restrictively apply only to them. <Revised on May 15, 2009 & September 29, 2017>

1.3.2 Standard for manufacturing registration of foreign products <Newly established on June 26, 2012>

The "manufacturing facility standards and manufacturing technology standards" specified in the Enforcement Regulation, Article 17, proviso of Clause 3 means the detailed standards specified in the Act, Article 45. <Revised on November 4, 2015>

1.4 Definitions

The terms used in this Code are defined as follows:

1.4.1 "Regular quality inspection" means the inspection on product performance by taking samples from products manufactured in mass production to check whether the products which are to undergo production stage inspection are the same products as those which have undergone design stage inspection.

1.4.2 "Routine sample inspection" means the inspection performed to check on the basic product performance by taking samples from the same products manufactured in the same production lot for the products to undergo product identification inspection.

1.4.3 "Occasional quality inspection" means the inspection performed by taking samples without any advance notice from products produced in mass production in order to check whether the products which have undergone production process inspection or comprehensive process inspection are manufactured in the same way as those which have undergone design stage inspection.

1.4.4 "Process identification audit" means the audit conducted to check on the conformity of quality system operation to the manufacturing and self-inspection processes required for manufacturing of the products which have undergone design stage inspection.