



Code for Facilities, Technology and Inspection for Manufacturing of Small LP Gas Storage Tanks

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Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Small LP Gas Storage Tanks

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Code for Facilities, Technology and Inspection for Manufacturing of Small LP Gas Storage Tanks

1. General

1.1 Scope

This Code applies to the facilities, technology and inspection for manufacturing of small storage tanks (hereinafter referred to as "tanks") in conformity to the Enforcement Regulation of the Safety Control and Business of Liquefied Petroleum Gas Act, Article 2, Clause 1, No. 4 among storage tanks of specially-designated facilities in conformity to the High-pressure Gas Safety Control Act (hereinafter to be referred to as "the Act"), Article 3, Clause 5. <Revised on November 23, 2016>

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 accordance with the Act, Article 22-2, Clause 2, 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 22-2, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 12 of the Enforcement Regulation of the Act (hereinafter referred to as "Enforcement Regulation") in accordance with the Act, Article 22-2, Clause 4.

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

1.3.1.1In case the Minister of Trade, Industry & Energy acknowledges that the tanks do not meet the inspection standard in conformity to this Code in accordance with the Enforcement Regulation, Table 12, No. 4-b but do not hinder safety control as new tanks developed through new technology development, such manufacturing and inspection methods of those tanks may restrictively apply only to them.

1.3.1.2Tanks inspected by an authorized inspection agency in charge in accordance with an acceptable code or standard in Table 1.3.1.2 are deemed to have been acknowledged by the Minister of Trade, Industry & Energy that they do not hinder safety control in conformity to Paragraph 1.3.1.1 above and may be inspected in accordance with the relevant acceptable code or standard without the need of applying for inspection exception and undergoing subsequent review. <Revised on May 20, 2013>

Table 1.3.1.2 Acceptable Codes and Standards and Authorized Inspection Agencies for Foreign Tanks

Acceptable Standard	Authorized Inspection Agency
ASME SEC. VIII	Authorized Inspection Agencies (AIA) registered with ASME
PED (Pressure Equipment Directive)	Notified Bodies registered with EC (European Commission)
High-Pressure Gas Safety Law (Japan)	High-Pressure Gas Safety Institute
Other standards accepted by the Minister of Trade, Industry & Energy	Inspection agencies accepted by the Minister of Trade, Industry & Energy

1.3.2 Registration standard for manufacturing of foreign tanks<Revised on May 20, 2013>

1.3.2.1The “manufacturing installation standards and manufacturing technology standards” specified in the Enforcement Regulation, Article 9-2, proviso of Clause 3 means the acceptable codes and standards in Table 1.3.1.2.

1.3.2.2Foreign tanks shall be manufactured in accordance with an acceptable code or standard in Table 1.3.1.2 in compliance with the Enforcement Decree of the High-pressure Gas Safety Control Act, Article 5-2, Clause 2, No. 2. However, in the case of safety devices and accessories, Paragraphs 3.10 and 3.11 in this Code shall apply. <Revised on November 23, 2016>