



# Code for Facilities, Technology and Inspection for Manufacturing of Composite Pressure Vessels for Compressed Hydrogen Gases



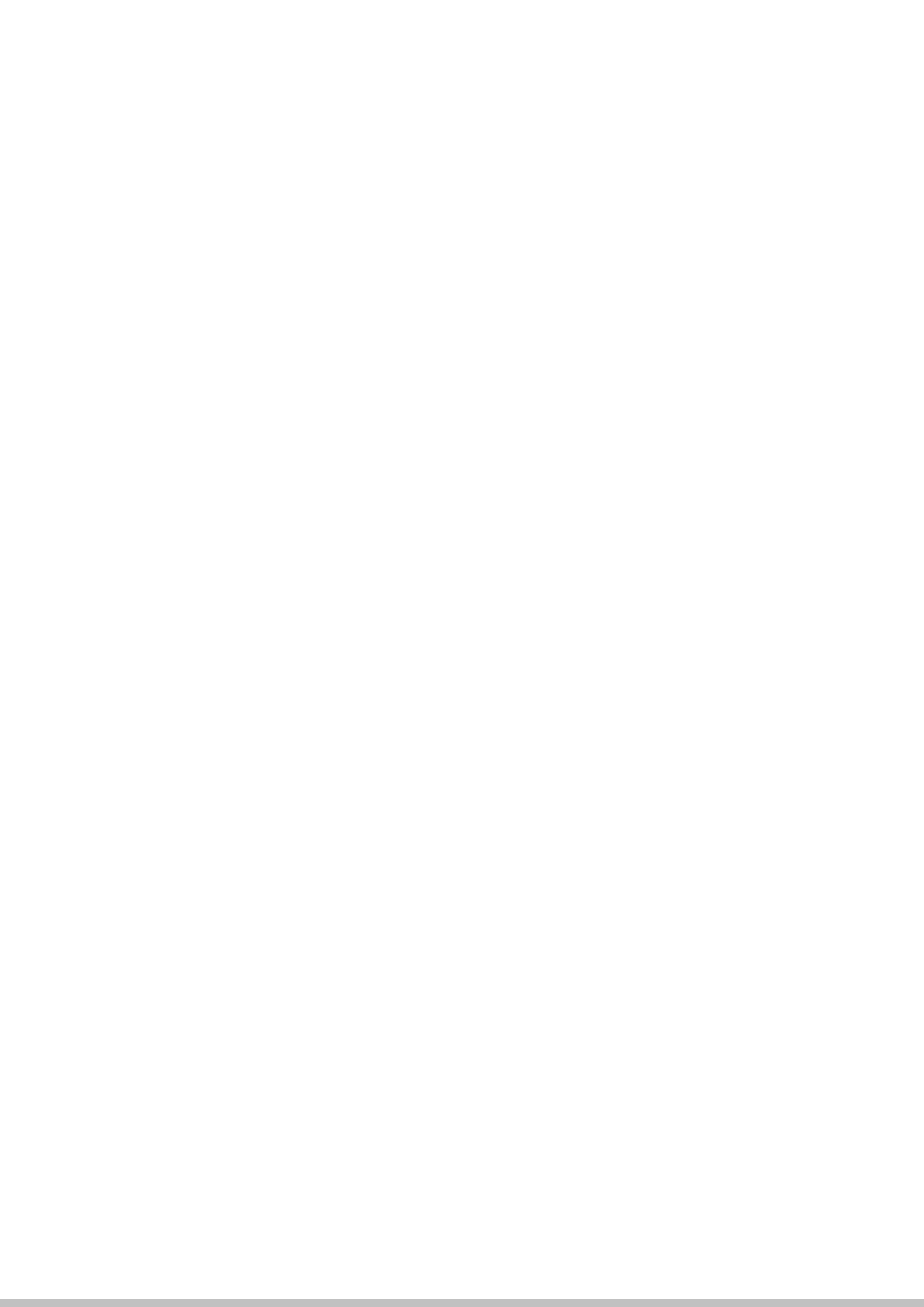
## Personnel

### Gas Technical Standards Committee

Chairman	Kwang-Won Lee, Professor of Hoseo University
Vice-Chairman	Seung-Hoon Nam, Principal Researcher of KRISS
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## Table of Contents

1. General.....	1
1.1 Scope.....	1
1.2 Validity of Code.....	1
1.3 Reference Codes and Standards.....	1
1.3.1 Inspection standard for new technology products.....	1
1.3.2 Manufacturing registration of foreign pressure vessel.....	2
1.4 Definitions.....	2
1.5 Application of Codes and Standards (currently not used).....	6
2. Manufacturing Installation Standard.....	6
2.1 Manufacturing Facilities.....	6
2.2 Inspection Facilities.....	7
3. Manufacturing Technology Standard.....	7
3.1 Design.....	7
3.1.1 Design service life.....	8
3.1.2 Number of test pressure repeat.....	8
3.1.3 Design document.....	8
3.2 Material.....	9
3.3 Thickness (currently not used).....	11
3.4 Construction and Dimensions.....	11
3.4.1 Construction.....	11
3.4.2 Dimensions.....	12
3.5 Fabrication.....	12
3.5.1 Material cutting.....	12
3.5.3 Plastic liner forming.....	13
3.5.4 Threading on boss part etc.....	14
3.5.5 Potentiometric corrosion prevention.....	14
3.5.6 Winding.....	14
3.5.7 Auto-frettage.....	14
3.6 Welding (currently not used).....	15
3.7 Heat treatment.....	15
3.7.1 Heat treatment after metal liner forming.....	15
3.7.2 Thermoset treatment of resin.....	16
3.8 Performance (currently not used).....	16

3.9 Marking .....	16
3.9.1 Product marking .....	16
3.9.2 Acceptance marking .....	17
4. Inspection Standard.....	17
4.1 Kinds of Inspections .....	17
4.1.1 Manufacturing facility inspection.....	17
4.1.2 Product inspection .....	17
4.2 Object Audit for Process Inspection (currently not used).....	19
4.3 Inspection Items .....	19
4.3.1 Manufacturing installation inspection .....	19
4.3.2 Product inspection .....	19
4.4 Inspection Method.....	20
4.4.1 Manufacturing facility inspection.....	20
4.4.2 Product inspection .....	21
4.5 Other Inspection Standards .....	31
4.5.1 Inspection of imported products (currently not used) .....	31
4.5.2 Partial omission of inspection.....	31
4.5.3 Disposal of rejected products.....	31



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## 1. General

### 1.1 Scope

This Code applies to facilities, technology, inspection and periodic inspection for manufacturing of composite pressure vessels for compressed hydrogen gas of which internal volume is less than 500L (hereinafter referred to as "pressure vessels") among specified facilities in conformity to the High-Pressure Gas Safety Control Act (hereinafter referred to as "Act"), Article 3, Clause 5. <Revised on June 14, 2019>

### 1.2 Validity of Code

**1.2.1** This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2020-5, July 17, 2020) in accordance with the Act, Article 22-2, Clause 2, has been approved by the Minister of Trade, Industry & Energy (Notification No. 2020-525 of the Ministry of Trade, Industry & Energy, September 4, 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 High-Pressure Gas Safety Control 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

**1.3.1.1** In case the Minister of Trade, Industry & Energy accepts that the pressure vessel does not meet the inspection standard conforming to this Code in accordance with the Enforcement Regulation, Table 12, No. 4-b but does not hinder safety control, such manufacturing and inspection