

**DEPARTMENT ADMINISTRATIVE ORDER NO. 22-11**  
Series of 2022

**SUBJECT: THE NEW TECHNICAL REGULATION CONCERNING THE MANDATORY CERTIFICATION OF LIQUEFIED PETROLEUM GAS (LPG) PRESSURE VESSELS, SYSTEMS, SERVICES AND ANCILLIARY PRODUCTS**

**WHEREAS**, the Department of Trade and Industry (DTI) is the primary coordinative, promotive, facilitative, and regulatory arm of government in the area of trade, industry, and investments;

**WHEREAS**, the Bureau of Philippine Standards (BPS) [formerly known as Bureau of Product Standards] is mandated to establish standards for all products of the Philippines and to ensure the manufacture, production, and distribution of quality products for the protection of the consumer;

**WHEREAS**, the DTI mandate is reiterated in R.A. 7394 or the "Consumer Act of the Philippines" wherein it states that, "*it shall be the duty of the State to develop and provide safety and quality standards for consumer products, including performance or use-oriented standards, codes of practice and methods of tests; to assist the consumer in evaluating the quality, including safety, performance and comparative utility of consumer products; to protect the public against unreasonable risks of injury associated with consumer products; to undertake research on quality improvement of products and investigation into causes and prevention of product related deaths, illness and injuries; and to assure the public of the consistency of standardized products*";

**WHEREAS**, the Republic Act No. 11592 or the "An Act Establishing the Regulatory Framework for the Safe Operations of the Liquefied Petroleum Gas Industry, Delineating the Powers and Functions of Various Government Agencies, Defining and Penalizing Certain Prohibited Acts" or otherwise known as "LPG Industry Regulation Act" and its implementing rules and regulation also known as "DOE-DTI Joint Department Circular No. JDC2022-05-0001" specifies the powers and functions of DTI relative to the standardization and certification of LPG pressure vessels, systems, services, and ancillary products;

**WHEREAS**, to implement the above-cited laws and by virtue of the rule-making power of the DTI Secretary under Executive Order (E.O.) 292 or the Administrative Code of 1987, Department Administrative Order (DAO) No. 4 or the Rules and Regulations Concerning the Philippine Standard (PS) Quality and/or Certification Mark Scheme of the BPS, and DAO No. 5, entitled the New Rules and Regulations Concerning the Issuance of the Import Commodity Clearance Under the Product Certification Scheme of the BPS were issued in 2008;

**WHEREAS**, Philippine National Standard (PNS) 04:1983, Specification for Selected LPG Cylinders and Ancillary products Liquefied Petroleum Gas (LPG) Steel Cylinders for Use in Motor Vehicles and PNS 03-1:2000, Steel cylinders for liquefied petroleum gas (LPG) – Part 1: Specification, PNS 03-2:2000, Steel cylinders for liquefied petroleum gas (LPG) – Part 2: Method of Requalification, and PNS 03-3:2000, Steel cylinders for liquefied petroleum gas (LPG) – Part 3: Requirements for Repair were previously declared mandatory by DTI in 1983 and 2001 by virtue of Standards Circular (SC) No. 03-83 and DAO No. 01:2001, respectively;

THE NEW TECHNICAL REGULATION CONCERNING THE MANDATORY  
CERTIFICATION OF LIQUEFIED PETROLEUM GAS (LPG) PRESSURE VESSELS, SYSTEMS, SERVICES AND  
ANCILLIARY PRODUCTS.

**WHEREAS**, implementing guidelines and/or operations manual on the aforementioned PNS were previously issued by BPS;

**WHEREAS**, there are many quality and safety issues concerning the use of various LPG pressure vessels, systems, services, and ancillary products and have been the subject of deliberation of laws by the congress and senate;

**WHEREAS**, various PNS on LPG pressure vessels, systems, services, and ancillary products were promulgated by BPS awaiting mandatory implementation;

**WHEREAS**, under Section 9, Article XVI of the 1987 Constitution provides that “the State shall protect consumers from trade malpractices and from substandard or hazardous products.” Thus, the continuous updating of all existing standards and policies and procedures regarding the implementation thereof is necessary;

**NOW, THEREFORE**, pursuant to Section 9, Article XVI of the 1987 Philippine Constitution, R.A. 4109; R.A. 7394; E.O. 101, Series of 1967; E.O. 913, Series of 1983; and E.O. 292, Series of 1987, Section 10(4), Chapter 3, Title X, Book IV, the following technical regulations governing the BPS Mandatory Certification Schemes for LPG pressure vessels, systems, services and ancillary products are hereby prescribed and promulgated for the compliance, information, and guidance of all concerned.

#### **Rule 1. OBJECTIVE**

This DAO aims to strictly ensure that Liquefied Petroleum Gas (LPG) Pressure Vessels and Ancillary Products to be imported, manufactured, distributed, or sold in the Philippines and LPG related systems and services meet the specified quality requirements prescribed by this Technical Regulation.

#### **Rule 2. SCOPE**

This DAO prescribes the Technical Regulation for Mandatory PS Licensing and/or ICC Scheme for LPG pressure vessels, and ancillary products whether locally manufactured or imported and LPG related systems and services covered by the scope of the relevant Philippine National Standards:

- 2.1 This Technical Regulation prescribes the mandatory certification of the following LPG pressure vessels, ancillary products, and systems covered by the relevant PNS specified in **Annex C**.
  - 2.1.1 Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) (New Cylinders)
  - 2.1.2 Transportable and refillable welded steel cylinders for liquefied petroleum gas (LPG) (Repaired Cylinders) with water capacities up to 150 L as specified in PNS 03-1 and which have passed the methods of requalification of PNS 03-2.
  - 2.1.3 Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) – Methods of requalification
  - 2.1.4 Road vehicles - LPG Containers
  - 2.1.5 Liquefied Petroleum Gas Regulator for domestic use
  - 2.1.6 Gas cylinders - Refillable seamless aluminum alloy gas cylinders - Design, construction and testing
  - 2.1.7 Gas cylinders - Refillable composite gas cylinders and tubes

- 2.1.7.1 Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l),
- 2.1.7.2 Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with the load-sharing metal liners.) and
- 2.1.7.3 Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners
- 2.1.8 Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L
- 2.1.9 Gas Cylinders - Refillable welded stainless steel cylinders –
  - 2.1.9.1 Test pressure 6 MPa and below;
  - 2.1.9.2 Test Pressure greater than 6 Mpa
- 2.1.10 Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking
- 2.1.11 Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa)
- 2.1.12 Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing
  - 2.1.12.1 Quenched and tempered steel cylinders with tensile less than 1100 MPa;
  - 2.1.12.2 Quenched and tempered steel cylinders with tensile strength greater than or equal to 1100MPa,
  - 2.1.12.3 Normalized steel cylinders
  - 2.1.12.4 Stainless steel cylinders with an Rm value of less than 1 100 Mpa
- 2.1.13 Gas cylinders LPG cylinder valves (self-closing)
- 2.1.14 Gas cylinders - LPG cylinder valves – (Manually operated)
- 2.1.15 Gas cylinders - Refillable seamless steel tubes for compressed gas transport.
- 2.1.16 Road vehicles - Code of Practice for the use of liquefied petroleum gas (LPG) system in internal combustion engine

This Order does not cover the refilling of LPG pressure vessels or composition of the refilled LPG.

### **Rule 3. DEFINITION OF TERMS**

For purposes of this Order, the following definitions shall apply:

- 3.1 **Ancillary Product** – refers to parts, devices, and accessories necessary and indispensable for the safe and proper operation of an LPG pressure vessel such as seals, valves, hoses, and regulators.
- 3.2 **Audit** – a systematic, independent and documented process for obtaining audit evidence, and evaluating it objectively to determine the extent to which the audit criteria are fulfilled.<sup>1</sup>
- 3.3 **Audit criteria** – set of policies, procedures, or requirements used as a reference against which audit evidence is compared.<sup>2</sup>

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<sup>1</sup> ISO 19011

<sup>2</sup> Ibid.

- 3.4 **Attestation** – issuance of a statement of conformity based on a decision following review of an audit report, that fulfillment of specified requirements has been demonstrated.<sup>3</sup>
- 3.5 **Accredited Conformity Assessment Body (CAB)** – inspection body , testing laboratory or certification body accredited under PNS ISO/IEC 17020, PNS ISO/IEC 17021, PNS ISO/IEC 17025 or PNS ISO/IEC 17065, respectively, in its relevant updated version/edition by the Philippine Accreditation Bureau (PAB) or by an accreditation body that is signatory to regional/international agreements entered into by the Government of the Republic of the Philippines through DTI [(i.e. Asia-Pacific Accreditation Cooperation (APAC), International Laboratory Accreditation Cooperation (ILAC), International Accreditation Forum (IAF)].
- 3.6 **Basic Model/Type** – One that represents a set of generic characteristics of a group of LPG steel cylinders or ancillaries. These characteristics shall be expressed in terms of water capacity in Liters (L) for cylinders other applicable units as required by the relevant PNS.
- 3.7 **BPS** – Bureau of Philippine Standards of the DTI.
- 3.8 **BPS Recognized Conformity Assessment Body (CAB)** – the CAB (inspection body, testing laboratory, or certification body) duly recognized by BPS to have the scope and competence to conduct activities relevant to the requirements set forth by BPS, to include but not limited to, CABs accredited by the PAB. CABs recognized by BPS under the Association of South East Asian Nations Mutual Recognition Arrangement (ASEAN MRA, Asia-Pacific Economic Cooperation (APEC) MRA and other regional and bilateral MRAs entered into by the Government of the Philippines through the DTI. BPS shall issue Recognition Certificate upon completion of all requirements for application for recognition.
- 3.9 **Certification** – third party attestation related to products, processes, systems, or persons.<sup>4</sup>
- 3.10 **Certification Body** – third party conformity assessment body operating a certification scheme.
- 3.11 **Certificate of Conditional Release** – a document issued to an importer allowing the temporary release of goods from Custom’s custody, upon compliance with the BOC and BPS requirements, while awaiting BPS decision on the issuance of ICC.
- 3.12 **Certificate of Exemption** – a document issued to an importer of LPG cylinder products that are not within the scope of PNS 03-1:2014.
- 3.13 **Conformity Assessment Body (CAB)** – A third party body that performs conformity assessment activities which includes but not limited to testing, calibration, inspection, certification of management system, persons, products, processes and services, provisions of proficiency testing, production of reference materials, validation and verification.

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<sup>3</sup> ISO/IEC 17000

<sup>4</sup> ISO/IEC 17000

- 3.14 **Conformity** – fulfillment of a requirement.<sup>5</sup>
- 3.15 **Containers** – vessel with all its permanent support(s) and attachment (s) installed, used for storage of selected LPG Cylinders and Ancillary products LPG.<sup>6</sup>
- 3.16 **Cylindrical container** – container with a cylindrical shell and two dished ends, either torispherical or elliptical.<sup>7</sup>
- 3.17 **Cylinder valve** – valve designed for use in one or more of the following applications: liquid filling, liquid service, vapour service, liquid level indication.<sup>8</sup>
- 3.18 **Domestic regulator** – a single stage low pressure device that reduces that gas pressure at the outlet to less than 3.5 kPa using single unit connection.<sup>9</sup>
- 3.19 **DTI** – Department of Trade and Industry.
- 3.20 **Determination** – include assessment activities such as testing, measuring, inspection, design appraisal, assessment of services, and auditing to provide information regarding the product requirements as input to the review and attestation functions.
- 3.21 **Evaluation** – systematic examination of the extent to which a product, process or service fulfills specified requirements.<sup>10</sup>
- 3.22 **Excess-flow valve** – valve normally in the open position which closes automatically in the direction of flow for which it is designed, when a predetermined limit (set flow rate) is exceeded as set by the manufacturer.<sup>11</sup>
- 3.23 **Gas Cartridge** – non refillable container filled once only with gas or a mixture of gases for fueling portable gas appliances which burn the gas or gases in use.<sup>12</sup>
- 3.24 **High Pressure Regulator** – a device that reduces the gas pressure at the outlet to above 7kPa.<sup>13</sup>
- 3.25 **Import Commodity Clearance (ICC)** – A document issued by BPS attesting that the quality of an imported product conforms to a Philippine National Standard or BPS / recognized international/foreign standard.
- 3.26 **International Standard** – a standard developed under the WTO principles for international standards development such as those developed by international bodies like the International Organization for Standardization (ISO), International Electrotechnical Commission (IEC), International Telecommunication Union (ITU) and those developed by foreign standard bodies under these principles.

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<sup>5</sup> *Ibid.*

<sup>6</sup> *PNS 04:2018*

<sup>7</sup> *PNS 04:2018*

<sup>8</sup> *PNS ISO 14245:2013*

<sup>9</sup> *PNS 1961:2011*

<sup>10</sup> *Ibid.*

<sup>11</sup> *PNS 05:2019*

<sup>12</sup> *PNS EN 417:2016*

<sup>13</sup> *PNS 1961:2011*

- 3.27 **Inspection** – examination of a product, process, service, or installation of their design and determination of its conformity with specific requirements, or, on the basis of professional judgment, with general requirements.<sup>14</sup> This includes inventory and sampling.
- 3.28 **Inspection body** – a body that performs inspection.<sup>15</sup>
- 3.29 **ISO 9000** – Quality Management System – Fundamentals and Vocabulary.
- 3.30 **ISO 9001** – Quality Management Systems – Requirements
- 3.31 **ISO/IEC 17020** – Conformity assessment – Requirements for the operation of various bodies performing inspection.
- 3.32 **ISO/IEC 17021** – Conformity assessment – Requirements for bodies providing audits and certification of management systems.
- 3.33 **ISO/IEC 17025** – General requirements for the competence of testing and calibration laboratories.
- 3.34 **ISO/IEC 17065** - Conformity assessment – Requirements for bodies certifying product, processes, and services.
- 3.35 **ISO 19011** – Guidelines for auditing management systems.
- 3.36 **Liquefied Petroleum Gas (LPG)** – a gas liquefied by compression consisting of hydrocarbon predominantly propane (C<sub>3</sub>H<sub>8</sub>), butane (C<sub>4</sub>H<sub>10</sub>) or their mixture.<sup>16</sup>
- 3.37 **LPG Pressure Vessel** – refers to an unfired and sealed containment for LPG that has internal pressure more than 1.03 barg, and designed, fabricated, manufactured, examined, and tested in accordance with prescribed standards and codes, such as LPG bulk storage tanks, LPG cylinders, LPG cartridges, auto-LPG containers, and other similarly designed and tested containers.<sup>17</sup>
- 3.38 **Lot No. /Batch No./Serial No./Code** – an identification number permanently marked on the collar or footing of LPG cylinders. This is used to identify production batch for quality control and traceability purposes.
- 3.39 **Owner** – the refiller of the LPG cylinder whose brand name or name is embossed on the shoulder of the LPG cylinder's body. In some cases, the manufacturer can also be the owner of the LPG cylinders.
- 3.40 **PAB** – Philippine Accreditation Bureau of the DTI.
- 3.41 **Philippine National Standards (PNS)** – Standards promulgated by the BPS.
- 3.42 **Pressure Relief Valve** – valve which automatically, without the assistance of any energy other than that of the fluid concerned, discharges a quantity of fluid so as to prevent a predetermined safe pressure being exceeded, and which is designed to re-

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<sup>14</sup> ISO/IEC 17020

<sup>15</sup> Ibid.

<sup>16</sup> PNS 03-1:2020

<sup>17</sup> R.A. No. 11592

close and prevent the further flow of fluid after normal pressure conditions of service have been restored.<sup>18</sup>

- 3.43 **Product Certification** – the provision of impartial third-party attestation that fulfillment of specified requirements have been demonstrated.<sup>19</sup>
- 3.44 **PS License** – authority given by BPS to a local/foreign manufacturer, authorizing the use of the PS Certification Mark on its product.
- 3.45 **Radiograph** – visual image on film produced by the penetration of radiation (x-ray or gamma ray) through the material being tested.<sup>20</sup>
- 3.46 **Regulator** – a device that reduces vapor pressure of a cylinder at a constant outlet pressure for the system.<sup>21</sup>
- 3.47 **Repair** – defined as the removal and replacement of parts or attachments of LPG cylinders and other corrective measures necessary as specified by the standard.<sup>22</sup>
- 3.48 **Repairer** – an entity engaged in the repair of Welded Steel Cylinders for LPG.
- 3.49 **Requalification** – method or procedure by which a cylinder is inspected and retested to determine its acceptability for continuous service.<sup>23</sup>
- 3.50 **Requalifier** – an entity or company possessing required organization, personnel, tools and equipment, technical skills and knowledge to requalify cylinders in accordance with PNS 03-2 and has passed recognition requirements of the BPS.<sup>21</sup>
- 3.51 **Review** – verification of the suitability, adequacy and effectiveness of selection and determination activities, and the results of these activities, with regard to fulfillment of specified requirements.<sup>24</sup>
- 3.52 **Sampling** – a method of getting a representative sample of a product shipment or manufactured batch according to a specified procedure.
- 3.53 **Scrapped cylinder** – cylinder that does not pass the requalification, and other required tests, and cannot be repaired.<sup>23</sup>
- 3.54 **Standard** – a document approved by a recognized body, that provides, for common and repeated use, rules, guidelines, or characteristics for products, or related processes and production methods, with which **compliance is not mandatory**.
- 3.55 **Statement of Confirmation (SOC)** - a document stating that the imported LPG cylinder product was sourced from a manufacturer with a valid PS License and that the imported LPG cylinder or ancillary product from said manufacturer complies with specified requirements after undergoing inspection and verification and shall contain the batch number and manufacturing date.

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<sup>18</sup> PNS ISO 14245:2013

<sup>19</sup> ISO/IEC 17065

<sup>20</sup> PNS 03-1:2020

<sup>21</sup> PNS 1961:2011

<sup>22</sup> PNS 03-3:2020

<sup>23</sup> PNS 03-2:2020

<sup>24</sup> ISO/IEC 17065

- 3.56 **Steel cylinder** – container fabricated from prescribed steel plates consisting of 1) two drawn halves circumferentially welded together (called a 2-piece cylinder) or 2) a cylindrical shell body with longitudinal weld and two pressed ends circumferentially welded to each of the end of cylindrical shell body (also called 3-piece cylinder).<sup>25</sup>
- 3.57 **Surveillance** – a systematic iteration of conformity assessment activities as a basis for maintaining the validity of the statement of conformity.<sup>26</sup>
- 3.58 **Tare weight** – the weight of empty of finished cylinder plus the valve and other attachments.<sup>27</sup>
- 3.59 **Technical Regulation** – a document which lays down product characteristics for their related processes and production methods, including the applicable administrative provisions, with which compliance is mandatory.
- 3.60 **Test Report** – a document that presents test results and other information relevant to a test.
- 3.61 **Testing Laboratory** – a laboratory which measures, examines, or determines the characteristics of performance of material or products. It may also be a laboratory that calibrates inspection, measuring and testing equipment.
- 3.62 **Third party** – a body that is independent of the organization that provides the product/service and is not the user of the product/service (testing, inspection, and sampling).<sup>28</sup>
- 3.63 **Trade name** – any registered name or designation identifying or distinguishing an enterprise.
- 3.64 **Verification** – confirmation, through the provision of objective evidence, that specified requirements have been fulfilled.<sup>29</sup> This may include product testing.
- 3.65 **Warehouse** – secured premises built purposely for storage of products and to preserve the quality and integrity of the same.
- 3.66 **Water capacity** – the maximum volume capacity of fluid that can be contained by the LPG cylinder, expressed in liters (L).
- 3.67 **Welder** – a person trained, qualified and certified to perform certain welding process or processes based on welding procedure specification(s) using a semi-automatic or full automatic welding machine.<sup>30</sup>
- 3.68 **Welding** – operation in which two or more parts are united by means of heat, friction, pressure, or all three of these in such a way that there is continuity in the nature of the metal between these parts.<sup>31</sup>

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<sup>25</sup> PNS 03-3:2020

<sup>26</sup> ISO/IEC 17000

<sup>27</sup> PNS 03-1:2020

<sup>28</sup> *Ibid.*

<sup>29</sup> ISO 9000

<sup>30</sup> PNS 03-1:2020

<sup>31</sup> ISO 15653:2018



## Rule 4. PRODUCT CERTIFICATION SCHEMES

4.1 The BPS shall implement two (2) product certification schemes:

4.1.1 **The Philippine Standard (PS) Quality Mark Licensing Scheme** – the PS Quality Mark Licensing Scheme (PS Licensing Scheme, for brevity) shall be available to both local and foreign manufacturers selling and/or distributing LPG cylinder and ancillary products in the Philippine market. The License to use the PS Certification Mark shall be granted to a company found to be compliant with the requirements. To ensure compliance of the certified products, regular surveillance activities as per existing DTI rules shall be conducted as follows, as may be applicable:

4.1.2 Local companies holding a valid PS license:

4.1.2.1 Annual system and product audit at the factory; and/ or

4.1.2.2 Random product audit/s / inspection/verification at the factory/ warehouse/market, and product testing (if deemed necessary).

4.1.3 Foreign companies holding a valid PS license:

4.1.3.1 Annual system and product audit at the factory; and/ or

4.1.3.2 Regular inspection/verification per shipment, and product testing (if deemed necessary); and/or random product audit/s / inspection/ verification at the warehouse/ market.

4.1.4 **Import Commodity Clearance (ICC) Mark Scheme** - The ICC Scheme shall be available only to importers duly registered under Philippine laws importing ancillary products selling and/or distributing in the Philippine market. The ICC shall be only issued to an importer found to be compliant with the DTI/BPS rules and regulations, satisfactory results of inspection and compliance of the product with the relevant PNS. For LPG cartridge and other ancillary products covered by this Order, an importer duly registered under Philippine laws shall secure an ICC and shall only be issued by BPS on per shipment (Bill of Lading or Airway Bill), per product basis prior to selling and/or distribution in the Philippine market.)

4.2 Applicable Schemes

4.2.1 For locally manufactured and imported LPG cylinder and ancillary products covered by this Order, the PS or ICC Scheme in accordance with Table 1 of this Order shall apply.

4.2.2 For LPG cylinders and ancillary products covered by this Order, a foreign or local LPG cylinder or ancillary product manufacturer shall secure a PS License in order to be authorized by BPS to use the PS Mark on its LPG cylinders or ancillary products prior to selling and/or distribution in the Philippine market.

4.2.3 **For safety, traceability, and accountability purposes and to eliminate risk of importation of used cylinders and tubes**, the imported LPG cylinders as stated in Table 1 shall be sourced only from manufacturing plant(s) holding a

valid PS Quality Certification Mark License(s) in order to be permitted to be distributed, sold, and used in the Philippines.

4.2.4 For LPG cylinder repair and requalification and their future amendments, the PS Quality Certification Mark shall be the only applicable scheme. Local LPG cylinder repairers and requalifiers shall apply for PS license.

4.2.5 For automotive LPG retrofitting systems, the PS Quality Certification Mark shall be the only applicable scheme. Only local automotive LPG retrofitters shall be allowed to apply for the PS license.

Imported Products		Locally Manufactured Products
PS Scheme Only	PS or ICC Scheme	PS Scheme
1. Transportable and refillable steel cylinders for liquefied petroleum gas LPG (New Cylinders)	1. Gas cylinders LPG cylinder valves.	1. All Products covered by this Order.
2. Road vehicles – LPG Containers	2. Liquefied Petroleum Gas Regulator for domestic use	2. Transportable and refillable welded steel cylinders for liquefied petroleum gas LPG (Repaired Cylinders),
3. Gas cylinders - Refillable seamless aluminum alloy gas cylinders	3. Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances.	3. Transportable and refillable steel cylinders for liquefied petroleum gas LPG (Requalified Cylinders)
4. Gas cylinders - Refillable composite gas cylinders and tubes	4. Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa)	4. Road vehicles - Liquefied petroleum gas (LPG) system in internal combustion engine
5. Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L		
6. Gas Cylinders - Refillable welded stainless steel cylinders		
Gas cylinders - Refillable seamless steel gas cylinders		
7. Gas cylinders - Refillable seamless steel tubes for compressed gas transport.		
8. Gas cylinders – Refillable seamless steel tubes for compressed gas transport.		

Rule 4.2 Applicable Schemes for LPG Pressure Vessels, Systems, and Ancillary Product

## **Rule 5 DOCUMENTARY REQUIREMENTS FOR THE PRODUCT CERTIFICATION SCHEMES**

### **5.1 The duly accomplished and subscribed application for PS Licensing Scheme shall be supported by the following:**

5.1.1 Duly accomplished application form, subscribed and sworn to by the applicant, or his duly authorized management representative. In case of an overseas applicant, the local branch or representative office/agency shall act in behalf of the overseas applicant and accomplish the application form;

5.1.2 For sole proprietorship registered with DTI, the application shall be accomplished and signed by the owner or by a duly authorized representative by virtue of a notarized Special Power of Attorney (SPA); or

For Corporation/Partnership registered with SEC, the application shall be accomplished and signed, and filed by any officer or organic employee, duly authorized by virtue of a notarized board/partnership resolution or Secretary's Certificate;

For foreign manufacturer, the application shall be accomplished by its local representative/importer by virtue of authorization letter.

For local manufacturer, sole proprietorship registered with DTI or Corporation/Partnership registered with SEC shall be submitted;

For foreign manufacturer, the equivalent foreign business certificate shall be submitted.

5.1.3 Latest Income Tax Return or latest audited financial statement, or Affidavit of Declaration of Assets, permit issued by the local government unit having jurisdiction over it, and certification issued by a certified public accountant on the net worth of the business, submitted once unless an amendment has been made within the current year;

5.1.4 Quality Management System (QMS) Manual based on ISO 9001:2015 and its future amendments, or its equivalent covering the product being applied for PS License, including the product/s' production process;

5.1.5 Sworn Oath of undertaking to abide by the Terms and Conditions of the License, respectively signed by the manufacturer/local office or authorized local representative. For local manufacturers, the Undertaking shall be notarized, while for foreign manufacturers, the Undertaking shall be authenticated by the Philippine Embassy in the country of origin;

5.1.6 For application under retrofitted automotive LPG system, brief description of retrofitting process;

5.1.7 Reference no. of the Product Identification File to include process flow, materials, process control and drawings among others;

5.1.8 Listing of measuring and testing equipment with nominal capacities and serial numbers at each inspection point and final product testing together with the evidence of ownership, such as official receipts (O.R.);

- 5.1.9 Brief description of equipment maintenance and calibration program for all testing and measuring equipment with their corresponding calibration certificates;
- 5.1.10 Copies of labels, marking and logos etc. based on requirements of Rule 11 of this DAO;
- 5.1.11 Description of the supply distribution chain. If new business, identify the target market. If foreign company, identify the Philippine principal and describe the organizational relationship of the applicant/license holder and Philippine principal;
- 5.1.12 Vicinity map to show location of the factory; and
- 5.1.13 Submission of the aforementioned documents through the BPS online system.

Note: All submitted documents shall be in Filipino or English Language only. All foreign applicants shall submit an authentic Filipino or English translations of the aforementioned documents.

**5.2 The duly accomplished and subscribed application form for Statement of Confirmation (SOC) / Import Commodity Clearance (ICC) shall be supported by the following:**

- 5.2.1 For sole proprietorship registered with DTI, the application shall be accomplished and signed by the owner or by a duly authorized representative by virtue of a notarized Special Power of Attorney (SPA); or

For Corporation/Partnership registered with SEC, the application shall be accomplished and signed, and filed by any officer or organic employee, duly authorized by virtue of a notarized board/partnership resolution or Secretary's Certificate;

- 5.2.2 Packing List;
- 5.2.3 Commercial Invoice;
- 5.2.4 Bill of Lading;
- 5.2.5 Summary of the production batch/lot/serial number/code and the corresponding manufacturing dates duly certified by the manufacturer's Quality Management Representative or Quality Manager;
- 5.2.6 DTI Business Registration Certificate for sole proprietorship of Latest SEC Registration Certificate and Articles of Incorporation/Partnership for corporation/partnership;
- 5.2.7 List of distributors/retailers with their complete addresses and contact details;
- 5.2.8 Proof of ownership or contract of lease of warehouse;
- 5.2.9 Import Entry (may be submitted later prior to release of the ICC Certificate/ Certificate of Conditional Release (CCR) / Statement of Confirmation (SOC) / Certificate of Exemption (CE))

- 5.2.10 Surety Bond;
- 5.2.11 Valid ISO 9001 Certificate or other equivalent QMS Certificate (For Foreign plants with valid QMS only)
- 5.2.12 Copy of BPS' approval to request inspection services of a BPS recognized inspection body (For Foreign plants with valid QMS only)
- 5.2.13 Certification of BOC registration or its equivalent;
- 5.2.14 Copy of valid PS License (for SOC application only); and
- 5.2.15 Submission of the aforementioned documents through the BPS online system.

## **Rule 6 PROCEDURES FOR THE PRODUCT CERTIFICATION SCHEMES**

### **6.1 PS License Application Process**

- 6.1.1 Processing of applications under this scheme replaces the PS Scheme under DAO 4:2008 subject to the requirements and transitory provision stated herein.
- 6.1.2 Each PS License application shall be factory, plant or site-specific and importer, local office or agent-specific. For foreign manufacturers, only one local importer per license shall be allowed. However, a specific factory or plant may apply for multiple licenses. As such, a separate PS License application shall be filed by the importer, local office or agent.
- 6.1.3 Conduct of Factory and Product Audit
  - 6.1.3.1 Upon submission and confirmation of the completeness and compliance of the documentary requirements, an assessment of the Quality Management System's conformity to PNS ISO 9001 and product specifications' conformity to specific applicable version of PNS shall be conducted;
  - 6.1.3.2 Audit shall be undertaken by either the BPS, DTI Regional/Provincial Office, or BPS recognized auditing bodies based on established audit procedure. Only recognized auditing bodies in the BPS official list may be designated as auditors;
  - 6.1.3.3 During the audit, samples shall be drawn for all types/sizes/manufacturer's or repairer's brand of the product to be certified for the purpose of in-plant and third-party testing in accordance with Rule 9 of this Order. Third party testing shall be conducted only by BPS recognized testing laboratory;
  - 6.1.3.4 For LPG cylinders, the manufacturer shall have the following minimum test and production equipment:
    - 6.1.3.4.1 Automated welding equipment (for welded steel cylinder)

- 6.1.3.4.2 Furnace for heat treatment capable of obtaining a minimum temperature of 650°C; controlled temperature with sensor and reading display (for welded steel cylinder)
- 6.1.3.4.3 Hydraulic Burst Test Equipment;
- 6.1.3.4.4 Hydrostatic Test Equipment;
- 6.1.3.4.5 Bent Testing Equipment;
- 6.1.3.4.6 Vernier Caliper or micrometer;
- 6.1.3.4.7 Thickness Gauges;
- 6.1.3.4.8 Digital Weighing scale with minimum 0.01 kg accuracy;
- 6.1.3.4.9 Radiography Test Equipment;
- 6.1.3.4.10 Universal Testing Equipment; and
- 6.1.3.4.11 Optical Spectrometer for Chemical Test

6.1.3.5 For LPG cylinder repair, the repairer shall have the following minimum test and repair equipment.

- 6.1.3.5.1 Automated welding equipment capable of SMAW, GMAW, or other acceptable welding methods;
- 6.1.3.5.2 Furnace for heat treatment capable of obtaining a minimum of 650°C controlled temperature with sensor and reading display;
- 6.1.3.5.3 Air Pressure Test Equipment;
- 6.1.3.5.4 Hydrostatic Test Equipment;
- 6.1.3.5.5 Calipers or micrometers;
- 6.1.3.5.6 Thickness Gauges;
- 6.1.3.5.7 Digital Weighing Scale with minimum 0.01 kg accuracy;
- 6.1.3.5.8 Radiography Test Equipment;
- 6.1.3.5.9 Revalving and cleaning tools; and
- 6.1.3.5.10 Shot or grit blasting facility

6.1.3.6 For LPG cylinder requalification, the requalifier shall have the following minimum test and requalification equipment.

- 6.1.3.6.1 Scriber;
- 6.1.3.6.2 Depth gauge/s;
- 6.1.3.6.3 NGT thread (Ring gauge and thread plug);
- 6.1.3.6.4 Hydrostatic Burst Test Equipment;
- 6.1.3.6.5 Air Pressure test Equipment;
- 6.1.3.6.6 Calipers or micrometers;
- 6.1.3.6.7 Digital Weighing Scale with minimum 0.01 kg accuracy;
- 6.1.3.6.8 Mirror or a boroscope and sufficient light for inspection of internal metal surfaces;
- 6.1.3.6.9 Revalving and cleaning tools; and
- 6.1.3.6.10 Shot or grit blasting facility

6.1.3.7 For retrofitted automotive LPG system, the retrofitter shall have the following commissioning and testing equipment:

- 6.1.3.7.1 Bubble leak tester
- 6.1.3.7.2 Electronic gas leak detector
- 6.1.3.7.3 Automated welding equipment
- 6.1.3.7.4 Hydraulic burst test equipment
- 6.1.3.7.5 Hydrostatic test equipment
- 6.1.3.7.6 Vernier caliper or micrometer
- 6.1.3.7.7 Thickness gauges

6.1.3.7.8 Digital weighing scale with minimum 0.01 kg accuracy

6.1.3.8 During the conduct of audit for retrofitted automotive LPG system, the commissioning and testing shall be conducted by the retrofitter a sample retrofitted LPG system in accordance with Clause 7 of PNS 05, the activities shall be duly witnessed by the auditor.

6.1.3.9 If there are non-conformities raised during the audit, the auditors shall inform the company and require them to undertake the corrective actions. The auditors shall accomplish the non-conformity report for the non-conformities observed which shall be acknowledged by the company's authorized representative;

6.1.3.10 The company shall implement and complete the corrective actions within ninety (90) calendar days for initial audit and thirty (30) calendar days for surveillance audit. If the company fails to implement the corrective actions within the specified period, PS License or application shall be suspended or denied, respectively;

6.1.4 If the applicant is a foreign-based manufacturer, the application shall, for purposes of accountability, be made and filed by its duly authorized local branch or representative office or representative agency who shall be duly registered in accordance with Philippine laws;

6.1.5 The PS Licensee shall only be issued upon satisfactory results of evaluation of the factory audit and determination of product conformance to the specific PNS of the product and updated version thereof based on pertinent test reports;

6.1.6 If the evaluation of the factory audit report show unsatisfactory results, the PS License shall not be issued. Only after the re-assessment and subsequent product compliance shall the BPS issue the PS License;

6.1.7 The PS License shall be effective from the date of issuance and with full force and effect for a period of three (3) years, subject to the surveillance audits prescribed herein. PS License can be suspended, withdrawn or cancelled at any time for cause and after due process;

6.1.8 For continued use / renewals, the PS License holder shall apply through the BPS online system and coordinate with BPS or the DTI Regional/Provincial Office for a schedule of the surveillance / recertification audit at least six (6) months before the expiration date. Otherwise, the PS License shall be considered expired immediately after the end period of its validity;

6.1.9 In cases of changes materially affecting the PS License and/or license holder's ability to comply with BPS product certification requirements, the license holder shall inform BPS in writing at least thirty (30) calendar days prior to the date the changes will take effect. The notice shall include a request for audit. The validity of the PS License shall be deemed suspended from the date of changes taking effect as indicated in the notice until the release of audit results. Thereafter, the existing PS License shall be considered expired.

6.1.10 Changes may include, but shall not be limited to, change in management or business name; transfer of plant site; modification of product design and/or specifications;

6.1.11 All importers of LPG cylinders and ancillary products under this Order covered by a valid PS License issued to a foreign manufacturer shall apply for a Statement of Confirmation (SOC) on a per shipment, per Bill of Lading/Airway Bill basis to ensure that the imported products came from a valid PS License holder company.

6.1.11.1 Application for SOC shall be processed as follows:

6.1.11.1.1 The applicant shall submit the duly accomplished and subscribed application form and requirements to the BPS or the nearest DTI RO/PO.

6.1.11.1.2 Upon receipt of the application and complete documents, a Certificate of Conditional Release shall be issued, subject to the conditions stated therein.

6.1.11.1.3 Product inspection and drawing of samples (applicable only for products with critical test, refer to Annex B Table 2) shall be conducted by the BPS, DTI RO/PO or the BPS recognized inspection body at the declared warehouse in accordance with the applicable provisions hereof. The inspection report shall be uploaded directly to the BPS online system within two (2) working days from the date of inspection.

6.1.11.1.4 If inspection show that the product shipped is consistent with the importation documents (e.g. quantity, product description, markings, etc.), SOC shall be issued by the BPS Bureau Director or his duly designated representative. Otherwise, a Show Cause Order shall be issued and the provisions hereto shall apply.

6.1.11.1.5 The drawn samples shall be submitted by the applicant to the BPS-recognized testing laboratory within twenty-four (24) working hours from the date of inspection and sampling for the conduct of critical testing.

6.1.11.1.6 If the result of critical testing shows conformance, the company will be notified by BPS. Otherwise, full product testing shall be conducted on the second set of samples at the expense of the applicant.

If the result of re-testing showed, conformance, the shipment/batch will be declared as conforming and the company shall be notified by BPS accordingly. Otherwise, the SOC application shall be denied, the PS License shall be suspended immediately, and the non-conforming shipment/batch shall be destroyed or exported to the country of origin within ninety (90) calendar days, at the cost and option of the manufacturer, under the supervision of the BPS. In addition, the PS License may be revoked or cancelled, subject to due process thereof.



6.1.11.2 The BPS shall have the prerogative to require sampling and testing to verify the consistent conformance of the product to the standard as amended/updated as well as the compliance of the manufacturer to the provisions of this Order and other applicable rules and regulations.

## 6.2 ICC Application Process

Processing of applications under this scheme replaces the ICC Scheme under DAO 05:2008 for imported non-refillable cartridges and LPG ancillary products, subject to the requirements and transitory provision stated herein;

### 6.2.1 For imported non-refillable gas cartridge and LPG ancillary products sourced from foreign manufacturers with pre-shipment inspection report and foreign test report:

6.2.1.1 Prior to the shipment, the inspection body and testing laboratory at the point of origin shall be recognized by BPS in accordance with Rule 12 of this Order.

6.2.1.2 The applicant shall submit the duly accomplished and subscribed application form and requirement to BPS through the BPS online system;

6.2.1.3 Upon receipt of the application and complete requirements, the Certificate of Conditional Release (CCR) shall be issued, subject to the conditions stated therein. Upon arrival of shipment at the port of entry, the following shall apply:

6.2.1.3.1 The importer shall notify in writing the BPS/DTI Regional/Provincial Office that the shipment has been transferred and/or is ready for inspection. The shipment shall be transferred only to the declared warehouse address indicated in the application and shall not be used or offered for sale/retail. Pending issuance of ICC, the shipment shall remain at the declared warehouse's premises;

6.2.1.3.2 BPS shall await the results of the pre-shipment inspection conducted by the BPS recognized inspection body in the country of Origin, and the results of third-party testing from the nominated foreign testing laboratory duly approved by BPS;

6.2.1.3.3 If results of pre-shipment inspection show non-conformities and/or discrepancies against the documents submitted by the importer, the provisions of Rule 6.2.2 of this Order shall apply. BPS, has the prerogative any time, to decide for the conduct of re-inspection and/or verification of the shipment and subject the samples to local third-party testing, if deemed necessary.

6.2.1.3.4 If the result of third-party testing shows conformance, the company will be notified by the BPS. Otherwise, the provisions under Rule 9.2 shall apply.

### 6.2.2 For imported non-refillable gas cartridge and LPG ancillary products sourced from foreign manufacturers without pre-shipment inspection report and foreign test report:

- 6.2.2.1 The applicant shall submit the duly accomplished and subscribed application form and requirements to the BPS;
- 6.2.2.2 Upon receipt of the application and complete requirements, a Certificate of Conditional Release shall be issued, subject to the conditions stated therein. Upon arrival of shipment at the port of entry, the following shall apply;
- 6.2.2.2.1 The importer shall notify in writing the BPS/DTI regional/provincial office that the shipment has been transferred and/or is ready for inspection. The shipment shall be transferred only to the warehouse address indicated in the application and shall not be used or offered for sale/retail;
- 6.2.2.2.2 The importer shall notify in writing the BPS/DTI regional/provincial office that the shipment has been transferred and/or is ready for inspection. The shipment shall be transferred only to the warehouse address indicated in the application and shall not be used or offered for sale/retail;
- 6.2.2.2.3 Product inspection and drawing of samples shall be conducted by the BPS, DTI RO/PO or the BPS-recognized inspection body at the declared warehouse in accordance with Rule 7 of this Order. The inspection report shall be uploaded directly to the BPS online system within two (2) working days from the date of inspection.
- 6.2.2.2.4 If inspection shows the product shipped has intact quantity, consistent with the importation documents, and compliant with the required markings of Rule 11 of this Order, the issuance of ICC shall be recommended subject to the satisfactory results of product testing. Otherwise, a Show Cause Order shall be issued and the provisions hereto shall apply.
- 6.2.2.2.5 The drawn samples shall be submitted by the applicant to the BPS Testing Laboratory or BPS-recognized testing laboratories within three (3) working days from the date of inspection and sampling for the conduct of product testing in accordance with Rule 8 of this Order.
- 6.2.2.2.6 If the result of the test shows conformance, the ICC shall be issued by the BPS or his duly designated representative. Otherwise, the provisions under Rule 9.2 shall apply.
- 6.2.3 The importer shall inform BPS in writing if there are any revisions in the information provided in the application and seek approval of such prior to the conduct of inspection/verification. Otherwise, appropriate action shall be undertaken by the BPS.

## **Rule 7 INSPECTION/AUDIT AND SAMPLING**

- 7.1 Inspection/Audit and sampling shall be conducted by the BPS, DTI Regional Office/Provincial Office or the BPS recognized Inspection/Auditing Body within the

prescribed time in accordance with existing BPS Inspection and Sampling Procedure and Policies;

7.2 If inspection/audit and sampling cannot be conducted within the prescribed period, the concerned DTI RO/PO or the BPS recognized Inspection/Auditing Body shall inform BPS in writing of the reason/s thereof within sixteen (16) working hours upon receipt of the notice to conduct inspection. Under justifiable reasons, inspection and sampling may be re-scheduled, otherwise, appropriate action shall be undertaken.

7.2.1 Sampling Size shall be based on **Annex B**.

7.2.2 Sampling Procedure

7.2.2.1 For PS initial and surveillance audits, three (3) sets of samples per type, per manufacturer's/repairer's brand shall be randomly drawn from the manufacturer's production line or warehouse. The first set shall be tested in-plant. The second set shall be sent to the BPS recognized testing laboratory for preparation/machining of test specimen (if applicable) and independent testing upon satisfactory result of the in-plant test. The remaining set shall be kept by the manufacturer as reserved samples;

7.2.2.2 For PS applications which cover PNS 05, the BPS, DTI ROs/POs, BPS-recognized auditing body shall facilitate the selection among the submitted vehicles of the retrofitter's clients of one (1) set of one (1) vehicle with ongoing retrofitting. Follow-up audit shall be conducted to witness the commissioning and testing of the same set of vehicles shall be also witnessed after completion of its retrofitting. If other vehicles with completed retrofitting is available upon audit, this may be selected as second (2nd) set instead to facilitate the witnessing of commissioning and testing.

7.2.2.3 For ICC applications, the BPS, DTI Regional/Provincial Office/BPS-recognized inspection body shall facilitate the preparation of two (2) sets of samples per type/size/manufacturer's/repairer's brand per shipment for every sample drawn properly labeled as first and second sets. The first set shall be sent to the testing laboratory for preparation/machining of test specimen (if applicable) and independent testing third party testing and the second set shall remain in the premises of the importer's warehouse as reserved samples;

7.2.2.4 The BPS, DTI Regional/Provincial Office, BPS recognized inspection/auditing body and the PS applicant/license holder and ICC applicant authorized representative shall ensure that the drawn samples shall be traceable to the particular lot where it was drawn;

7.2.2.5 Test samples drawn shall be packed/sealed and signed in the presence of authorized representatives from BPS, DTI Regional/Provincial Office or BPS recognized inspection/auditing body who shall ensure that the Request for Test form is properly filled-up and signed by the manufacturer/importer. The inspector/auditor shall ensure that the samples are traceable to the particular batch/lot where it was drawn;

7.2.2.6 The auditor or the inspector shall ensure that the Request for Test form together with one (1) set of samples are directly submitted to the BPS recognized testing laboratory within three (3) working days from the date of inspection/audit and furnish BPS with a copy thereof within three (3) working

days from submission. For foreign-based PS License Holders/Applicants, the inspector or auditor shall ensure that the samples drawn shall be shipped to the BPS-recognized testing laboratory within three (3) working days from the date of inspection or audit;

7.2.2.7 The BPS-recognized testing laboratory shall document properly the receipt of the product samples to include but not limited to taking pictures of the following:

7.2.2.8 Request for Test;

7.3 Packaging of the samples as submitted and received

## **Rule 8 PRODUCT TESTING**

8.1 Third Party Product Testing shall be conducted only by a BPS-recognized testing laboratory.

8.2 To verify conformance of the LPG Pressure Vessel and Ancillary Products stated herein, the test methods prescribed by the respective Philippine National Standards in **Annex C** shall be used.

8.3 Considering the regular updating of standards, the latest edition of the PNS shall be used as reference. It is understood that future amendments of the PNS used in this Order shall be effective two (2) years after its promulgation to provide ample time to all stakeholders to adjust and conform to the new requirements, if any.

8.4 For initial, surveillance, extension of scope of certification, or recertification audits, samples drawn for the first set shall be tested in-plant. The manufacturer shall have testing capability to conduct the full testing of LPG Pressure Vessel and Ancillary products. Only after the result of in-plant tests showed conformance to the requirements of the standards shall the auditor prepare the Request for Test of the second set of samples for third party testing by the BPS recognized testing laboratory. The following minimum tests shall be conducted in-plant based on **Annex C**, as applicable.

8.5 The first set of samples shall be tested by the BPS recognized testing laboratory while the second set of samples shall be kept by the importer for retesting or future reference;

8.6 The original test report shall be sent to BPS thru the BPS online system by the BPS-recognized testing laboratory together with the pictures of samples as received, pictures of samples showing the required markings, and copy of the Request for Test;

8.7 For retrofitted LPG Systems covered by PNS 05:

8.7.1 Commissioning

8.7.1.1 Leak testing

8.7.1.2 Testing of installed Excess-flow-valve

8.7.2 Maintenance and inspection

8.7.3 Scrapping of LPG container in vehicle

8.7.4 Garaging, repairing and servicing of LPG-fueled vehicle

8.8 The BPS reserves the right to be present at any point of the certification process.

## **Rule 9 EVALUATION OF RESULTS**

Results of tests shall be evaluated to determine conformance of the product to the relevant standard in accordance with the following:

### **9.1 Results under the PS Licensing Scheme**

9.1.1 For initial audit, if the test results show conformance, the PS License shall be issued and the plant shall be granted authority by BPS to use the PS Mark on the products covered by its scope of certification. Otherwise, the applicant shall be advised accordingly and PS License shall not be issued. Only after re-assessment and subsequent product conformance shall BPS issue the PS License;

9.1.2 For surveillance/recertification audit, if the test results show conformance, the PS License shall be continued or renewed. Otherwise, the licensee shall be advised accordingly and one (1) re-testing shall be conducted by the laboratory on the third set of samples. The PS licensee shall have another option of initiating and submitting corrective action instead, wherein verification audit and resampling of two (2) sets from new batch shall be conducted by BPS. Retesting of the second set of samples from the new batch shall be conducted by the laboratory after compliance of the first set of samples with in-plant test and verification of corrective actions by BPS. Retesting shall be conducted on the samples at the expense of the applicant;

9.1.3 To verify conformance of the retrofitted LPG systems, the commissioning and test methods prescribed by the particular PNS shall be used.

9.1.4 If the result of the retesting shows non-conformance, the PS License shall be suspended immediately upon written notice. The non-conforming batch shall be destroyed or reprocessed, at the option of the manufacturer, under the supervision of the BPS. Only after re-assessment and subsequent product conformance shall the BPS allow the continued use or renewal of the PS License;

9.1.5 If the PS application is denied, BPS shall inform the manufacturer and its authorized importer of such denial. If the applicant fails to communicate with BPS within the period stated in the notice, a Show Cause Order shall be issued;

9.1.6 Processing of a new PS license, or the continued use or renewal of an existing or expired PS License of a company against whom a Show Cause Order or Formal Charge was issued by BPS shall be held in abeyance until such issue/s is resolved. The BPS reserves the right to deny the application, or suspend or cancel all PS Licenses issued to a manufacturer, blacklist importer and all guilty parties after due process, if the nature of violation/s so warrant.

### **9.2 Results under the ICC Scheme**

9.2.1 For ICC application, if the results of third-party testing show conformance, the applicant shall be notified by BPS accordingly and ICC with corresponding ICC stickers shall be issued to the importer. Otherwise, the applicant shall be advised accordingly. ICC shall not be issued and only (1) retesting shall be conducted on the second set of samples. Retesting shall be conducted by the testing laboratory on the samples at the expense of the applicant;

- 9.2.2 If the result of retesting showed conformance, the shipment/batch shall be declared as conforming, the company shall be notified by BPS accordingly, and the ICC shall be issued. Otherwise, the ICC application shall be denied and the non-conforming shipment/batch shall be destroyed or exported to the Country of Origin, at the option of the manufacturer, under the supervision of the BPS;
- 9.2.3 For denied ICC applications, BPS shall inform the importer of such denial. If the applicant fails to communicate with BPS within the period stated in the notice, a Show Cause Order shall be issued;
- 9.2.4 The processing of succeeding ICC applications filed by the importer of LPG cylinder against whom a Show Cause Order or Formal Charge was issued by BPS shall be suspended until such issue/s is resolved. The BPS reserves the right to hold all pending ICC applications of the importer, blacklist the importer and all guilty and concerned/affiliated parties after due process, if the nature of violation/s so warrant/s;

#### **Rule 10 DISPOSAL OF SAMPLES**

- 10.1 All remaining samples, which were drawn for testing purposes, and complied with the requirements of the standard, shall be claimed by the importer/manufacturer within five (5) working days upon receipt of the PS License. If the importer/manufacturer fails to claim the samples after receipt of PS License or opted not to retrieve the sample at all, the laboratory shall dispose the samples as it may deem necessary, at the expense of the importer/manufacturer;
- 10.2 Samples which fail to comply with the specified requirements shall be stored for a maximum of six (6) months in the laboratory to ensure their availability in the event the importer/manufacturer contests the result of the test including those subject of litigation.
- 10.3 Tested samples shall be retrieved by the importer/manufacturer upon receipt of notice of retrieval from the testing laboratory. Otherwise, the tested samples upon receipt of notice shall be disposed of accordingly;
- 10.4 The importer/manufacturer shall have thirty (30) calendar days from the receipt of the notice of disposal of test samples to arrange for the pick-up of samples from the concerned testing laboratory. After the said period, the testing laboratory shall, with due notice to BPS and the importer/manufacturer, dispose the samples in a manner deemed appropriate with existing accounting and auditing rules;
- 10.5 Unused samples shall be retrieved by the importer/manufacturer within fifteen (15) calendar days from receipt of notice of retrieval from the testing laboratory, copy BPS. Otherwise, they shall upon receipt of notice, be disposed of in accordance with existing-and applicable rules;

#### **Rule 11 MARKING REQUIREMENTS**

For traceability and verification purposes, the required markings for imported or manufactured LPG pressure vessels, ancillary products, requalified and repaired LPG cylinders, and retrofitted LPG systems shall be permanently marked and visible at all times for verification by the BPS and DTI RO's/POs, their authorized representatives, BPS Recognized Auditing Body / Inspection Body and by the duly

authorized enforcement teams either at the manufacturer's/importer's warehouse or trader's/distributor's/retailer's warehouse, if applicable.

The required markings shall be based on the requirements of this technical regulation prescribed in **Annex A**.

In the absence of any of the required markings or submission of incomplete markings, the application for PS License or ICC shall not be processed until such time that the required markings are submitted or corrected.

## **Rule 12 RECOGNITION OF CONFORMITY ASSESSMENT BODY**

- 12.1 Only recognized Conformity Assessment Bodies (CABs) shall be allowed to participate in these mandatory product certification schemes.
- 12.2 Any CABs that intends to be recognized shall accomplish the BPS Recognition Application Form together with the following:
  - 12.2.1 Certificate of Accreditation to ISO/IEC 17025 issued by an Accreditation Body signatory to the ILAC/APAC MRA, to include the Scope of Accreditation of testing in accordance with Rule 10 of this Order;
  - 12.2.2 Certified True Copy of the Articles of Incorporation. For foreign CABN, all incorporation documents shall be authenticated by the Philippine Consulate Office. The authentication requirement may we waived subject to reciprocity agreement;
  - 12.2.3 List of authorized signatories indicating their company position and the corresponding specimen signature; and
  - 12.2.4 An undertaking to abide by the terms and conditions of the recognition.
- 12.3 For foreign CABs, the application shall be submitted by the local office/representative agency to ensure accountability. Applications of foreign CABs with no local office/representative agency shall be denied.
- 12.4 The requirement on local office/representative agency may we waived subject to the provisions of any Mutual Recognition Agreement entered into by the Philippine Government through the DTI.
- 12.5 The BPS may, at any time, conduct full verification of the competence of the CAB to perform the conformity assessment activities.

## **Rule 13 TERMS AND CONDITIONS OF THE PS LICENSE AND ICC**

The PS License holders and ICC holders shall abide by the following terms and conditions:

- 13.1 Consistently abide by R.A. No. 4109, E.O. No. 133:1987, E.O. No. 913:1983 and R.A. No. 7394 and their implementing rules and regulations, and orders which the BPS issues in pursuance with its authority under the law;

- 13.2 Ensure that the certified product conforms at all times to a specific standard as amended/updated and its implementing rules and regulations;
- 13.3 Warrant that it has the authority to use the brand name, trade name and trademarks indicated in the application form;
- 13.4 Be held liable for any damages that its product might cause to their consumers;
- 13.5 The Product Certification Mark shall not be affixed on any products not covered by the license or certificate issued by BPS;
- 13.6 Establish and maintain systems of product recall and of addressing complaints filed by its clients or customers concerning its certified products, and shall maintain records thereof;
- 13.7 Give duly-authorized representatives of the BPS or DTI Regional/Provincial Offices or, in the case of foreign companies, by BPS or BPS-recognized inspection/auditing bodies, full access to the premises where the certified product is manufactured/assembled/stored; to relevant equipment, records, personnel and subcontractors for purposes of investigating complaints or evaluating consistency of compliance with the requirements of this technical regulation;
- 13.8 Maintain a record of all complaints made known to it, relating to compliance with certification requirements and make these records available to the certification body when requested, take appropriate action with respect to such complaints and any deficiencies found affecting such product's conformance to the requirements for certification; and, document the action taken, subject to verification by the certification body;
- 13.9 Submit itself to surveillance activities to ensure consistent compliance with the BPS requirements of the Product Certification Scheme;
- 13.10 In case of subcontracts, the manufacturer shall assume full responsibility for its sub-assemblies' semi-finished and finished products' conformance to the specific requirements;
- 13.11 Inform BPS in writing of any changes that will materially affect its PS License and its ability to comply with BPS product certification requirements at least fifteen (15) calendar days prior to the date the changes will be made, such as, but not limited to change in management, business name, addition of brand name, modification of product's designs and specifications and/or transfer of plant site;
  - 13.11.1 If the change involves addition of brand name and modification in the product's design or specifications, BPS shall facilitate the conduct of appropriate product certification activity;
  - 13.11.2 In case of transfer of plant site, BPS, DTI Regional/Provincial Offices, or BPS-recognized auditing bodies shall conduct factory and product audit at the new site;
- 13.12 Pay the applicable fees and other charges as billed or stipulated by BPS, its duly recognized inspection and/or certification bodies;



13.13 Any incorrect references to the certification schemes; misleading use of PS license, ICC, SOC, Certification marks or any other mechanisms indicating that a product is certified found in documentation or publicity materials or any breach hereof, shall be a ground for the issuance of Show Cause Order;

13.14 Traders or retailers in possession of covered products whose PS Licenses have expired or have been suspended, recalled, withdrawn, revoked or cancelled shall be notified in writing of such suspension, recall, withdrawal, revocation, or cancellation;

13.15 Upon suspension, recall, withdrawal, cancellation or revocation of the PS License, the holder shall discontinue the manufacture and/or use of covered products including advertising materials relevant thereto and shall take action as may be required by BPS.

13.16 The PS License, ICC, and SOC are non-transferrable;

Any infractions of the foregoing shall be a ground for the suspension, withdrawal, or cancellation of the license and/or cancellation of the ICC certificate.

#### **Rule 14 REQUIREMENTS IN CASE OF NON-CONFORMANCE**

For covered LPG pressure vessels, ancillary products, and automotive LPG systems that do not conform to the requirements of BPS rules and regulations/guidelines, the following provisions, on per license or a per shipment basis, shall apply:

14.1 A SHOW CAUSE ORDER shall be issued by BPS or DTI-Regional/Provincial Office giving the PS License holder or the importer opportunity to explain why its surety bond shall not be forfeited in favor of DTI and/or why a formal charge shall not be filed. This may include a CEASE AND DESIST ORDER addressed to the owner/manager of the company concerned, to refrain from supplying, distributing, selling, or displaying for sale the products subject thereof until such time that the Show Cause Order is lifted;

14.2 If the explanation to the Show Cause Order is not acceptable, the BPS or DTI Regional/Provincial Office shall direct the manufacturer and/or importer concerned to submit a sworn affidavit undertaking to do the following as directed whichever is applicable:

14.2.1 Permanently cease and desist from supplying, distributing, selling or displaying for sale the non-conforming products subject thereof;

14.2.2 Effect a full product recall to account such products that are already in circulation through publication in a newspaper of national circulation, giving the public a period of thirty (30) calendar days from publication within which to return subject products. The product recall shall specify the basis or ground therefor. The manufacturer/importer/distributor shall keep BPS informed in writing on the progress of the recall. Such publication shall include a NOTICE warning the public that the product subject thereof is not compliant with the safety and/or quality requirement; and

14.2.3 The foregoing shall without prejudice to the right of BPS to forfeit the surety bond.

## **Rule 15 PROCEDURES AND REQUIREMENTS FOR PRODUCT RECALL**

After the product is declared by the BPS to be non-conforming, the BPS shall immediately notify the manufacturer and importer. The manufacturer and/or importer shall within fifteen (15) calendar days from receipt of notice, implement product recall in accordance with the following:

- 15.1 The recall order shall be published in a newspaper of general circulation for at least two (2) consecutive Saturdays/Sundays;
- 15.2 The layout, content, font and size of the recall order shall be prescribed by the BPS;
- 15.3 The recall period shall be for a minimum of thirty (30) calendar days from date of the second publication;
- 15.4 Proof of publication of the recall orders shall be submitted to BPS or DTI Regional/Provincial Office;
- 15.5 Recalled products shall be condemned, destroyed, or otherwise disposed of in accordance with applicable rules on disposal issued by the DTI, Department of Budget and Management and Commission on Audit.
- 15.6 The manufacturer and/or importer shall compensate parties availing of the recall order.

## **Rule 16 FEES, CHARGES, BOND REQUIREMENT AND OTHER EXPENSES**

- 16.1 All corresponding fees, charges, costs, and other related expenses shall be for the account of manufacturer/importer.
- 16.2 Fees and charges to be paid by the applicant in accordance with Annex D shall be as follows:
  - 16.2.1 Application Fee;
  - 16.2.2 Inspection/Audit fees;
  - 16.2.3 Transportation/travelling expenses, and board and lodging costs of inspector/s and auditor/s during inspection/audit, subject to existing rules and regulation of third-party provision;
  - 16.2.4 PS License fee for manufactured products;
- 16.3 For imported LPG cylinders or ancillary products covered by ICC application, a Surety Bond shall be posted on a per shipment basis equivalent to Php 150,000.00 or Ten percent (10%) of the declared value or dutiable value of the imported product in Philippine Peso, whichever is higher to guarantee that the applicant shall perform its duties and obligations stated herein; and
- 16.4 Any violation of the terms and conditions of the Products Certification Scheme shall, upon notice, result in the motu proprio forfeiture of the bond based on the degree of non-conformity or non-compliance stated herein.

## **Rule 17 SHOW CAUSE ORDER AND BOND FORFEITURE**

- 17.1 A Show Cause Order shall be issued against a manufacturer or importer who fails to comply with legal and technical requirements or whose product/s failed to conform to such requirements.
- 17.2 A Cease and Desist Order may be issued simultaneously with the Show Cause Order directing the manufacturer and/or importer to refrain from selling, distributing or disposing the products in any manner.
- 17.3 The surety bond may be forfeited partially or in full, depending on the degree of the non-conformity or non-compliance as follows:
- 17.3.1 Minor – This level or degree can be the subject of corrective action as allowed under applicable PNS/rules hence, may not be the subject of a Show Cause Order.
- 17.3.1.1 Inconsistencies in the markings is up to five percent (5%) of the total number of LPG cylinders or ancillary products;
- 17.3.1.2 Transfer of products from a declared warehouse to another declared warehouse with prior notice to DTI;
- 17.3.1.3 Up to fifteen (15) days delay in responding to notices/letters;
- 17.3.1.4 Delivery of products covered by a Conditional Release from the Bureau of Customs (BOC) to one of the declared warehouses but not in the warehouse declared in the current application with notice to BPS prior to such delivery;
- 17.3.1.5 Number of missing LPG cylinders is not more than one percent (1%) of the total number of LPG cylinders or ancillary products;
- 17.3.1.6 Number of missing markings is up to five percent (5%) of the total number of LPG cylinders or ancillary products;
- 17.3.1.7 Unjustified typographical errors in documents or responses submitted;
- 17.3.1.8 Other circumstances analogous to the above;
- 17.3.2 Significant – This level or degree fell short of being considered justifiable.
- 17.3.2.1 Inconsistencies in the markings is more than five percent (5%) up to twenty percent (20%) of the total number of LPG cylinders or ancillary products;
- 17.3.2.2 Transfer of products from a declared warehouse to another declared warehouse without prior notice to BPS;
- 17.3.2.3 More than fifteen (15) up to thirty (30) days delay in responding to notices/letters;

- 17.3.2.4 Delivery of product covered by a Conditional Release from the BOC to one of the declared warehouses but not in the warehouse declared in the current application without prior notice to BPS;
  - 17.3.2.5 Number of missing LPG cylinder or ancillary products is more than one percent (1%) up to two point five percent (2.5%) of the total number of LPG cylinders or ancillary products;
  - 17.3.2.6 Number of LPG cylinders or ancillary products without markings is more than five percent (5%) up to twenty percent (20%) of the total number of LPG cylinders or ancillary products;
  - 17.3.2.7 Other circumstances analogous to the above.
- 17.3.3 Major – This level or degree may still be the subject of corrective action but the quantity involved is no longer justifiable hence, shall be the subject of a Show Cause Order.
- 17.3.3.1 Inconsistencies in the markings is more than twenty percent (20%) but less than fifty percent (50%) of the total number of LPG cylinders or ancillary products;
  - 17.3.3.2 Transfer of products from a declared warehouse to another declared warehouse without notice at all;
  - 17.3.3.3 More than thirty (30) up to sixty (60) days delay in responding to notices/letters;
  - 17.3.3.4 Delivery of products with Certificate of Conditional Release from the BOC to a non-declared warehouse;
  - 17.3.3.5 Delivery or transfer of products to a declared but unsecured/uncovered warehouse;
  - 17.3.3.6 Release of products covered by a Conditional release whose quality/safety passed the test from the declared warehouse for commercial distribution but was made prior to the resolution of Show Cause Order;
  - 17.3.3.7 Number of missing quantity is more than two point five percent (2.5%) up to five percent (5%) of the total number of LPG cylinders;
  - 17.3.3.8 Number of LPG cylinders without markings is more than twenty percent (20%) but less than fifty percent (50%) of the total quantity declared;
  - 17.3.3.9 Other circumstances analogous to the above.
- 17.3.4 Critical - Corrective actions or remedial measures shall no longer be accepted for this level or degree of infraction.
- 17.3.4.1 Inconsistency in the markings is fifty percent (50%) or more of the total number of LPG cylinders or ancillary products;

- 17.3.4.2 Transfer of products from a declared warehouse to a non-declared warehouse, with or without notice to DTI;
- 17.3.4.3 More than sixty (60) days delay in responding to notices/letters;
- 17.3.4.4 Delivery of products from the BOC to a declared or undeclared warehouse prior to the release of the Conditional release;
- 17.3.4.5 Release of products whose quality/safety did not pass the test from the declared warehouse pending resolution of Show Cause Order or prior to the issuance of the required Certificate/License;
- 17.3.4.6 Inconsistency in the markings and the quantity of products with deficiency is less than fifty percent (50%) of the total quantity declared but the same has been committed more than once;
- 17.3.4.7 Number of missing quantity is more than five percent (5%) of the total number of LPG cylinders or ancillary products;
- 17.3.4.8 Number of LPG cylinders or ancillary products without markings is more than fifty percent (50%) of the total quantity declared;
- 17.3.4.9 Misrepresentation of material facts in the application or succeeding correspondence/s;
- 17.3.4.10 Other circumstances analogous to the above.

17.4 Bonds shall be forfeited in accordance with the following:

Degree of Non-conformity or Non-compliance	Amount of Bond to be Forfeited
1. Minor	None
2. Significant	25% of the total bond posted
3. Major	50% of the total bond posted
4. Critical	100% of the total bond posted

- 17.5 In case of multiple non-conformities or non-compliance, the amount of bond corresponding to the higher degree shall be forfeited.
- 17.6 Pending resolution of the Show Cause Order involving a particular shipment, applications filed after the issuance of the Show Cause Order by the same importer may be processed, provided a sworn undertaking to abide by the decision on said SCO shall be submitted prior to the issuance of the necessary Certificate/License for succeeding applications.

**Rule 18 SUSPENSION, WITHDRAWAL, AND CANCELLATION OF PS LICENSE**

- 18.1 A duly issued PS License shall be suspended, recalled, withdrawn, cancelled or revoked based on any of the following grounds:
  - 18.1.1 That the product bearing the PS Mark failed to conform to the requirements of a specific PNS as amended/updated;

- 18.1.2 That licensee failed to comply with monitoring, surveillance or enforcement notices/directives/orders.
- 18.1.3 That the licensee failed to comply with the terms and conditions of the license;
- 18.1.4 That the licensee made false statements or alterations in connection with its application for or recertification of the license;
- 18.1.5 That the licensee violated any of the provisions of this Order;
- 18.1.6 That an Order of Execution vis-à-vis decision finding the licensee liable for violation of a trade and industry law/s or rules and regulations directing BPS to suspend/cancel or revoke the PS license issued in favor of said licensee;
- 18.2 The licensee shall be suspended, recalled, withdrawn, cancelled or revoked after the BPS Director or his duly authorized representative has served the license a notice of his intention to do so, stating therein the grounds for the contemplated action, granting the licensee the opportunity to be heard within fifteen (15) calendar days from the date of notice;
- 18.3 If there is a final finding that a product does not conform to the specified technical requirements, the license shall, upon mere notice be immediately suspended, withdrawn, recalled, cancelled, or revoked.
- 18.4 Notwithstanding the preceding provisions, the BPS Director or his duly authorized representative may direct that a Formal Change be filed against the party concerned pursuant to E.O. 913 Series of 1983, DAO No. 7 Series of 2006 and DAO No. 2, Series of 2007.
- 18.5 In cases of suspended, withdrawn or cancelled PS License, the manufacturer shall not be allowed to manufacture or produce in any manner the products covered by the particular PS License. The suspension, withdrawal or cancellation shall take effect immediately upon receipt of the notice until the suspension is lifted or the withdrawn/cancelled PS License is reinstated.

#### **Rule 19 PROHIBITED ACTS**

The following acts are hereby declared prohibited, in addition to those listed in DAO No. 2, Series of 2007 and its future amendments, viz

- 19.1 Use of the Product Certification Mark in any misleading manner;
- 19.2 Manufacture or production of covered products after the license has been suspended, expired, withdrawn or cancelled;
- 19.3 Sale, offer for sale using over the counter or on-line mode or any form of advertisement of any LPG cylinder or ancillary products not complying with the particular technical regulation or corresponding standards;
- 19.4 Non-compliance, neglect or resistance to effect the product recall as directed by BPS;
- 19.5 Misrepresentations, misleading or unauthorized statements and/or claims made in the application, letters/replies/forms in relation to product certification. Such include unauthorized reproduction of product certification documents, or any part thereof;

19.6 Submission of falsified documents or forging the signature of the Bureau Director or its designated representative

19.7 Non-compliance or failure to comply with the provisions hereof.

## **Rule 20 COMPLAINTS/APEAL HANDLING PROCESS**

20.1 BPS shall implement a system of handling complaints/appeals related to the product certification process.

20.2 Remedies for the action or decision of a BPS personnel/chief/director or his duly authorized representative relative to an Application for PS License shall be the following:

20.2.1 In case of denial of the PS License application, the applicant may file a motion for reconsideration with the BPS Director or his duly authorized representative within ten (10) working days from receipt of the letter of denial. No second motion for reconsideration shall be allowed;

20.2.2 In case of suspension, recall, withdrawal, cancellation or revocation of the PS License, a motion for reconsideration may be filed with the BPS Director or his duly authorized representative by the applicant within ten (10) working days from receipt of the notice. No second motion for reconsideration shall be allowed;

20.2.3 In case the motion for reconsideration is denied, an appeal may be filed with the DTI Secretary within fifteen (15) calendar days from receipt of denial of the motion for reconsideration. The appeal shall be based solely on grounds of grave abuse of discretion amounting to lack or excess of jurisdiction committed by the official who rendered the decision;

20.3 The filing of a Motion for Reconsideration shall suspend the period to file an appeal.

## **Rule 21 PENALTIES OR SANCTIONS**

The following shall be imposed upon any manufacturer, importer, foreign testing laboratory facility, or any other person or entity found in violation of any provision hereof after due process, as may be applicable:

21.1 Administrative fine as per existing DTI Rules and Regulations/Department Administrative Orders and E.O. 913;

21.2 Cancellation or revocation of PS License pursuant to a final and executory decision rendered by an administrative agency or the regular courts;

21.3 Watch-listing and/or blacklisting of importers/manufacturers;

21.4 In any case of failure in product testing for post shipment or verification or surveillance:

21.4.1 The manufacturer or importer concerned shall, in addition to the penalties provided herein including but not limited to product recall and/or forfeiture of

surety bond, lose the option for pre-shipment testing in all subsequent importation which henceforth shall undergo post shipment testing by BPS-recognized testing facilities;

21.4.2 The foreign testing laboratory or facility concerned shall lose the recognition by BPS to conduct pre-shipment third party testing;

21.5 Any other sanctions or penalties as provided under existing DTI rules and regulations.

## **Rule 22 ISSUANCE OF GUIDELINES/PROCEDURES**

DTI/BPS may issue such procedural guidelines as may be necessary in the implementation of this Order.

## **Rule 23 MONITORING AND MARKET SURVEILLANCE**

23.1 The BPS, FTEB or DTI RO/PO shall at any time monitor and inspect products in the market for conformance to the requirements of this Order, their future amendments, and the specified standard. If the products are found not in conformity, the BPS, FTEB, or DTI RO/PO shall make appropriate legal actions or impose necessary sanctions, in accordance with the relevant rules and regulations.

## **Rule 24 REPEALING CLAUSE**

24.1 All provisions of existing Department Administrative Orders, Circulars, and guidelines inconsistent with this Administrative Order are hereby repealed subject to the transitory provisions stated herein.

## **Rule 25 SEPARABILITY CLAUSE**

If any term or provision of this Order will be declared illegal or invalid by any court of competent jurisdiction, the remaining terms and provisions thereof shall remain unimpaired and in full force.

## **Rule 26 TRANSITORY PROVISIONS**

26.1 All manufacturers with existing valid PS License shall comply with the procedures and requirements of this Order on the subsequent surveillance audit, but not earlier than six (6) months upon effectivity hereof.

26.2 All pending PS applications received prior to the effectivity of this Order shall be processed in accordance with DAO 04:2008 and after the issuance of its PS License, manufacturers shall comply with the procedures and requirements of this Order on the subsequent surveillance audit;

26.3 All PS License applications received upon the effectivity of this Order shall be subject to the procedures and requirements prescribed herein;

26.4 For existing foreign PS License holders with multiple importers, only importers authorized by the foreign manufacturer prior to the effectivity of this Order shall be allowed to utilize the license until its expiration.



- 26.5 Upon recertification, the foreign PS License holder shall appoint a specific importer to continue using the license number. For other and new/additional importers, new PS application shall be required.
- 26.6 All local and foreign manufacturers and importers of the following LPG pressure vessels currently under mandatory certification covered by this Order shall be subject to the procedures and requirements prescribed herein immediately upon effectivity hereof:
- 26.6.1 Transportable and refillable steel cylinders for LPG (New Cylinders)
  - 26.6.2 Transportable and refillable welded steel cylinders for liquefied petroleum gas (LPG) (Repaired Cylinders)
  - 26.6.3 Road vehicles – LPG Containers
- 26.7 All local and foreign manufacturers and importers of the following LPG Pressure Vessels and Ancillary products which are recently covered by this Order, shall be required to undergo the mandatory, PS, SOC and/or ICC procedures, whichever is applicable, after twelve (12) months from the date of effectivity of this Order:
- 26.7.1 Liquefied Petroleum Gas Regulator for domestic use
  - 26.7.2 Gas cylinders - Refillable seamless aluminum alloy gas cylinders
  - 26.7.3 Gas cylinders - Refillable composite gas cylinders and tubes
  - 26.7.4 Gas cylinders - Refillable composite reinforced tubes
  - 26.7.5 Gas Cylinders - Refillable welded stainless steel cylinders
  - 26.7.6 Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances
  - 26.7.7 Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2.5 MPa)
  - 26.7.8 Gas cylinders - Refillable seamless steel gas cylinders
  - 26.7.9 Gas cylinders - LPG cylinder valves
  - 26.7.10 Gas cylinders - Refillable seamless steel tubes for compressed gas transport.
- 26.8 All local and foreign manufacturers of LPG Pressure Vessels and Ancillary products mentioned in Rule 25.7 without PS license may apply for voluntary certification within twelve (12) months from the date of effectivity of this Order.
- 26.9 All requalifiers and retrofitters of automotive LPG systems covered by this Order shall be required to undergo the mandatory PS product certification procedures after twelve (12) months from the date of effectivity of this Order.
- 26.10 In the absence of a BPS-recognized testing laboratory for the products mentioned in Rule 25.7, the PS License or ICC applicants shall nominate a third-party testing laboratory in the country of origin or other locations accredited by an accreditation body signatory to ILAC/APAC – MRA to conduct the product testing in accordance with Rule 13 of this Order.
- 26.11 Monitoring and Enforcement:
- 26.11.1 To ensure strict compliance, monitoring and enforcement based on the requirements of this Order shall be conducted by the DTI, twenty-four (24) months after its effectivity. From this period onwards, the products mentioned in Rule 25.7 shall bear the required marking requirements as set forth in Annex A,

and the PS Certification Mark or ICC stickers shall be allowed for distribution in the Philippine market. All non-compliant products thereafter shall be subjected to the following:

26.11.1.1 First Offense – Notice of Violation shall be issued but retailers/distributors shall only be advised to pull out the items from the selling area.

26.11.1.2 Second Offense Onwards – Notice of Violation shall be issued subject to the regular adjudication process of DTI in accordance with DAO 2:2007 or its future amendments.

26.11.2 All manufacturers and importers of the products mentioned in Rule 25.7 that were already distributed or offered for sale in the local market or remaining inventories at the manufacturer's plant or warehouse prior to the effectivity of this Order shall apply for a certification from the BPS within six (6) months prior to the scheduled monitoring and enforcement as specified on Rule 25.11.1. The application shall be supported by the following:

26.11.2.1 Summary of Products being applied for Certificate of Exemption listed in accordance to the format provided in Annex E.

26.11.2.2 Any documentary proof that the products are locally manufactured or imported prior to the effectivity of this Order (e.g. Production Records, Import Entry, Bill of Lading, Notice of Arrival, etc.)

26.12 All other provisions not covered by this transitory provision shall take effect immediately upon effectivity hereof.

#### **Rule 27 EFFECTIVITY**

This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation, a copy of which shall be submitted to the UP Office of National Administrative Register.

Done in the City of Makati this 27<sup>th</sup> day of June in the year 2022.

Recommended by:



**NEIL P. CATAJAY**  
Director, Bureau of Philippine Standards



**ATTY. RUTH B. CASTELO**  
Undersecretary, Consumer Protection Group

Approved:



**RAMON M. LOPEZ**  
Secretary

TABLE 1: MARKING REQUIREMENTS

Note: Additional required markings stated below shall apply on per product basis:

No.	Products / Type	Marking Requirements
1	All LPG cylinders and ancillary products related products covered by this Order	<p><b>General Marking Requirements</b></p> <p>The following information shall be clearly and legibly marked on the product:</p> <ol style="list-style-type: none"> <li>1. Manufacturer's brand name, trade name or mark;</li> <li>2. PS Quality Mark with License number or ICC Stickers (whichever is applicable);</li> <li>3. Lot No./Batch No./Serial No.</li> <li>4. The words "Made in the Philippines," or "Country of Origin" if imported.</li> </ol>
<b>Additional Required Markings per product</b>		
2	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) (New Cylinders)	<ol style="list-style-type: none"> <li>(1) Embossed permanent marking of the brand name or name of the owner;</li> <li>(2) Permanently etched or stamped on the collar or foot ring with the following:               <ol style="list-style-type: none"> <li>a) manufacturer's registered trade name or brand name, trademark and business name;</li> <li>b) Name of the importer in the Philippines (for imported cylinders);</li> <li>c) Specific standard used and the year of its edition;</li> <li>d) Date tested (hydrostatic, leak, mechanical, etc.);</li> <li>e) Thickness of the plate, in millimeters;</li> <li>f) The cylinder capacity and tare, water capacity in liters and tare weight in kilograms;</li> <li>g) Design and test pressure in, Megapascals;</li> <li>h) Serial number or code number;</li> <li>i) "Made in the Philippines" or country of manufactured if imported; and j) The type of neck ring thread used (NGT, SGT, NGS or DIN) shall be stamped on the property plate i.e. "NGT", "SGT", "NGS", "DIN";</li> </ol> </li> <li>(3) All markings shall be preferably on the collar of the cylinder and if not possible on the foot ring. In case it is not possible to mark on the collar or foot rings, the details shall be marked on a plate of the same composition as the body of the cylinder and it shall be welded soundly on the shoulder of the cylinders but not along the knuckle radius;</li> <li>(4) The following minimum requirements shall be for durable markings printed in silk-screen, or other similar technologies on the body of the cylinders:               <ol style="list-style-type: none"> <li>a) Brand name and logo;</li> <li>b) Net content in Kg;</li> <li>c) Tare weight in Kg;</li> <li>D) Date of next requalification (of former MM/YY);</li> <li>e) Safety warnings and other informational signs;</li> <li>and f) For cylinders fitted with direct burner attachment (e.g. camping type cylinders), regardless of size and capacity, shall have the additional marking: "FOR OUTDOOR USE ONLY" at the minimum 4.00 millimetres and shall be located in the cylindrical body, conspicuously and highly visible to the user. Note: Durable markings can be modified but has to remain legible for a limited period. Permanent markings remain legible during the lifespan of the cylinder.</li> </ol> </li> </ol>

2	Transportable and refillable welded steel cylinders for liquefied petroleum gas. (LPG) (Repaired Cylinder)	<p>Old markings shall be erased properly or cancelled before stamping the new markings. The marking shall be in accordance with PNS 03-1; All stamp markings on the new collar plates shall retain the name of original manufacturer, the original serial number, original date of manufacture. The original water capacity shall be maintained after rebottoming. Revisions in the markings shall be as follows:</p> <ol style="list-style-type: none"> <li>1. Contractor's name;</li> <li>2. Design pressure;</li> <li>3. Test pressure;</li> <li>4. Tare weight (may be printed as T.W.T);</li> <li>5. Date requalified/repared. For rebottomed cylinders (The initials 'REB'; month and year), Cylinder thickness</li> </ol>
3	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) (Requalified Cylinder)	<p>Cylinder which passes the required retest and complete visual examination shall be marked with the month and year of the retest followed by a symbol indicating the specific method used. The following symbols shall be used:</p> <ol style="list-style-type: none"> <li>1. H – Hydrostatic test with permanent expansion determination, internal, and external visual inspection.</li> <li>2. M – Modified hydrostatic test, internal and external visual inspection.</li> <li>3. A – Air-pressure test, internal and external visual inspection.</li> </ol> <p>Each cylinder shall also bear the name or initials or code of the requalifier.</p> <p>Each required marking on the cylinder shall be maintained so that it is always legible. Retest marking and original marking shall be made by stamping on metal plate which must be permanently secured to the cylinder either on plate of collar ring assembly or cylinder foot ring.</p>
4	Road vehicles - Selected LPG Cylinders and Ancillary products - LPG components - Containers	<ol style="list-style-type: none"> <li>1. The name or trade mark of the manufacturer,</li> <li>2. Serial number,</li> <li>3. Water capacity in litres,</li> <li>4. Marking "LPG" or "Auto LPG",</li> <li>5. Design pressure in MPa or kPa or Kpa or bar,</li> <li>6. the wordings</li> <li>7. "Maximum filling 80%", Month and year of hydrostatic test in MM - YY (e.g. 12-17).</li> <li>8. the standard used (PNS 04:2018) or equivalent standard (for imported),</li> <li>9. The thickness of steel plate in millimeters (mm) local; Made in R.P. (local) or country of origin (for imported)</li> </ol>
5	Liquefied Petroleum Gas Regulator for domestic use	<p><b>Permanent Marking.</b></p> <p>A regulator device shall be clearly and permanently marked with the following:</p> <ol style="list-style-type: none"> <li>a) manufacturer's name; mark or symbol and country of origin;</li> <li>b) make and model;</li> <li>c) the year and month of manufacture</li> <li>d) the direction of flow of this is not permanently established by the design of the connections; and</li> <li>e) type of gas (LPG and/or propane)</li> </ol>

		<p><b>Minimum Labeling Requirements</b>  A regulator or device shall be labeled with the following:  a) nominal outlet pressure or pressure range and flow rate;  b) the number of this standard, for locally manufactured regulators;  c) its correct and registered traded name or brand name;  d) its duly registered trademark;</p> <p><b>Packaging</b></p> <p>a) The packaging shall be labeled with the following:  - Its duly registered business name;  - the address of the manufacturer, importer, repacker of the consumer product in the Philippines; and  - country of manufacture, if imported  b) A regulator or device shall be so packed as to minimize risk of damage in transit.  c) A regulator or device shall be protected to prevent the entry of foreign matter. Where plastic bags are used the minimum thickness of plastics shall be 0.05 mm.</p> <p><b>Instructions</b></p> <p>Instructions shall conform with the provisions under Clause 14 of PNS 1961:2011.</p>
6	Gas cylinders - Refillable seamless aluminum alloy gas cylinders - Design, construction and testing	<p>Each cylinder shall be permanently marked on the shoulder in accordance with ISO 13769 or in accordance with the relevant marking requirements of the country or countries of use.</p> <p>In reference to ISO 17389 (2018) The following information shall be stamped on the cylinder: :Standard, Country of manufacture, Manufacturer's identification, Manufacturer's serial number, Stamp for Non Destruction Examination (if applicable), Identification and Steel Compatibility, Test pressure, inspection stamp, Initial test date, Empty weight, water capacity, identification of cylinder thread (if applicable), Minimum guaranteed wall thickness, identification of porous material, identification of content, working pressure, maximum permissible filling weight, total weight (gross weight) Tare weight</p> <p>Durable markings for refillable cylinders with water capacity of less than 1 liter shall be indicated using identity plates or engraving may be applied legibly in such a way that the integrity of the cylinder is unaffected (e.g. on a reinforced part of the cylinder or on a permanent attachment).</p>
7	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - (1) Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l, (2) Fully wrapped fibre	<p>Each finished composite cylinder shall be permanently and legibly marked in accordance with ISO 13769 and ISO 7225 or the relevant regulations of the countries of use, except that the empty mass shall be the nominal mass</p> <p>In reference to ISO 17389 (2018) The following information shall be stamped on the cylinder: :Standard, Country of manufacture, Manufacturer's identification, Manufacturer's serial number, Stamp for Non Destruction Examination (if applicable), Identification and Steel Compatibility, Test pressure, inspection stamp, Initial test date, Empty weight, water capacity, identification of cylinder thread (if applicable), Minimum guaranteed wall thickness, identification of porous material, identification of content, working pressure,</p>

	<p>reinforced composite gas cylinders and tubes up to 450 l with the load-sharing metal liners.) and</p> <p>(3) Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners</p>	<p>maximum permissible filling weight, total weight (gross weight) Tare weight</p> <p>ADDITIONAL MARKINGS:</p> <p>a) "WARNING - FILL THIS CYLINDER ONLY WITH &lt;&lt;Named Gas(es)&gt;&gt;" where a cylinder is to be used for dedicated gas service.</p> <p>b) "WARNING - THIS CYLINDER HAS BEEN QUALIFIED WITH A &lt;&lt;Named&gt;&gt; PRESSURE RELIEF DEVICE" where a cylinder is approved with a specific pressures relief device</p> <p>c) "Maximum torque &lt;&lt;manufacturer's recommended torque&gt;&gt;", where fitting torque does not correspond to the values in ISO 13341 or where the thread is not listed in ISO 13341.</p> <p>d) details of components that are permanently attached to the cylinder and form part of the qualified design (neck rings, protective boots, etc.) with instructions that they shall not be removed at periodic inspection.</p> <p>e) other additional markings such as re-test dates ( in accordance with national legislation), customer names etc.</p> <p>10.2.2 All labels shall be clearly marked with letters of height not less than 3mm</p>
8	<p>Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L - Design, construction and testing</p>	<p>Each finished composite cylinder shall be permanently and legibly marked in accordance with ISO 13769 and ISO 7225 or the relevant regulations of the countries of use, except that the empty mass shall be the nominal mass.</p> <p>ADDITIONAL MARKINGS:</p> <p>a) "WARNING - FILL THIS CYLINDER ONLY WITH &lt;&lt;Named Gas(es)&gt;&gt;" where a cylinder is to be used for dedicated gas service.</p> <p>b) "WARNING - THIS CYLINDER HAS BEEN QUALIFIED WITH A &lt;&lt;Named&gt;&gt; PRESSURE RELIEF DEVICE" where a cylinder is approved with a specific pressures relief device</p> <p>c) "Maximum torque &lt;&lt;manufacturer's recommended torque&gt;&gt;", where fitting torque does not correspond to the values in ISO 13341 or where the thread is not listed in ISO 13341.</p> <p>d) details of components that are permanently attached to the cylinder and form part of the qualified design (neck rings, protective boots, etc.) with instructions that they shall not be removed at periodic inspection.</p> <p>e) other additional markings such as re-test dates ( in accordance with national legislation), customer names etc.</p> <p>10.2.2 All labels shall be clearly marked with letters of height not less than 3mm</p>
9	<p>Gas Cylinders - Refillable welded stainless steel cylinders - (1) Test pressure 8 MPa and below; (2) Test</p>	<p>in reference to ISO 17389 (2018) The following information shall be stamped on the cylinder: Standard, Country of manufacture, Manufacturer's identification, Manufacturer's serial number, Stamp for Non Destruction Examination (if applicable), Identification and Steel Compatibility, Test pressure, inspection stamp, Initial test date, Empty weight, water capacity, Identification of cylinder thread (if applicable), Minimum guaranteed wall thickness, identification of porous material, identification of content, working pressure,</p>

	Pressure greater than 6 MPa	maximum permissible filling weight, total weight (gross weight) Tare weight
10	Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking	<p>Risk safety phrases and hazard symbol(s) according to the appropriate current regulations:</p> <p>a) "protect from direct sunlight";  b) "do not expose to temperatures exceeding °C";  c) name or mark of the company responsible for putting the product on the market;  d) commercial designation and type of the cartridge;  e) type of gas contained in letters not less than 3mm high, (for example: butane or butane/propane mixture);  f) net weight of gas contained in grams;  g) indication (possibly coded) for identification of the filling batch;  h) brand and type of the appliances(s) intended to be used exclusively with the cartridge, in the form: "this cartridge shall only be used with the brand/model/type of gas corresponding to the gas category of the appliance(s) (butane, or propane, or butane-propane mixture) the designation of a range is possible"; Alternatively, for type 200 cartridges marked "Butane" the marking maybe: "This cartridge may be used with any appliance category direct pressure butane complying with EN 521"; j)"this cartridge complies with EN 417", for cartridges complying with this standard; j) "follow the instructions for use supplied with the appliance; k) "UN 2037"; l) "the Pi marking (directive 2010/35/CE)" followed by the identification number of the notified body. Additional marking for cartridges with valves: In addition to the markings applicable to all cartridges: a) "WARNING: DO NOT REFILL"; b) "do not puncture/pierce incinerate, ever after use";</p>
11	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) -	<p>Hoses: Each length of hose shall be legibly and durably marked on the outer cover continuously along its length, in lettering at least 5mm high, with the following information:</p> <p>a) the manufacturer's name or identification, e.g. MAN;  b) the number and year of publication of the standard, i.e. ISO 2928:2003;  c) the type, e.g. D;  d) the nominal bore, e.g. 38;  e) the maximum working pressure, in bars (1 bar = 100 kPa);  f) the symbol for the electrical conductivity, e.g. M; g) the quarter and year of manufacture, e.g. 3Q-02. Example MAN - ISO 2928:2003 - Type D-38 - 10 - M-3Q-02.</p> <p>Hose assemblies: When the coupling is not built-in, i.e. not an integral part of the hose, it shall be marked with the assembler's name or identification and the date of assembly.</p>
12	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - 1)	Each cylinder shall be permanently marked on the shoulder or on a reinforced part of the cylinder or on a permanently fixed collar or neck ring, in accordance with ISO 13789 or the relevant marking regulations of the countries of use

	<p>Quenched and tempered steel cylinders with tensile less than 1100 MPa; 2) Quenched and tempered steel cylinders with tensile strength greater than or equal to 1100MPa, 3) Normalized steel cylinders, 4) Stainless steel cylinders with an Rm value of less than 1 100 Mpa</p>	<p>In reference to ISO 17369 (2018) The following information shall be stamped on the cylinder: Standard, Country of manufacture, Manufacturer's identification, Manufacturer's serial number, Stamp for Non Destruction Examination (if applicable), Identification and Steel Compatibility, Test pressure, inspection stamp, Initial test date, Empty weight, water capacity, identification of cylinder thread (if applicable), Minimum guaranteed wall thickness, identification of porous material, identification of content, working pressure, maximum permissible filling weight, total weight (gross weight) Tare weight</p>
13	<p>Gas cylinders LPG cylinder valves (self-closing)</p>	<p>Cylinder valves meeting the requirements of the Philippine National Standard shall be permanently marked with the following:</p> <ul style="list-style-type: none"> <li>a) Manufacturer's designation or logo;</li> <li>b) date code - indicating year of manufacture and week or month e.g. by YY/MM or YY-WWW;</li> <li>c) pressure relief valve set pressure if fitted;</li> <li>d) valves fulfilling the requirements of PNS 14245:2013 Annex C shall be marked "-40 C;</li> </ul> <p>Where the valve is not protected by a protection cap or shroud/guard, it shall be marked with the gross mass of the cylinder and LPG contents for which it is intended (in kg), if this gross mass exceeds 10 kg.</p>
14	<p>Gas cylinders - LPG cylinder valves – (Manually operated)</p>	<p>Cylinder valves meeting the requirements of the Philippine National Standard and having successfully passed the tests, shall be permanently marked with the following:</p> <ul style="list-style-type: none"> <li>a) Manufacturer's designation or logo;</li> <li>b) date code - indicating year of manufacture and week or month e.g. by YY/MM or YY-WWW;</li> <li>c) pressure relief valve set pressure if fitted;</li> <li>d) valves fulfilling the requirements of PNS ISO 15995:2013 Annex D shall be marked "-40 C;</li> </ul> <p>Where the valve is not protected by a protection cap, or shroud/guard, it shall be marked with the maximum gross mass of the cylinder for which it is intended (in kg), if this gross mass exceeds 10kg.</p>
15	<p>Gas cylinders - Refillable seamless steel tubes for compressed gas transport of water</p>	<p>Each tube shall be stamped on the shoulder or on reinforced part of the tube or on a permanently fixed collar or neck ring in accordance with the relevant marking requirements of the country of use.</p> <p>In reference to ISO 17369 (2018) The following information shall be stamped on the cylinder: Standard, Country of manufacture, Manufacturer's identification, Manufacturer's serial number; Stamp</p>



	capacity between 150 L and 300 L	for Non Destruction Examination (if applicable), Identification and Steel Compatibility, Test pressure, inspection stamp, Initial test date, Empty weight, water capacity, identification of cylinder thread (if applicable), Minimum guaranteed wall thickness, identification of porous material, identification of content, working pressure, maximum permissible filling weight, total weight (gross weight), Tare weight
16	LPG Retrofitting Systems	<p>The required information shall be clearly and permanently marked on the fitting plate or on a permanently attached marking plate:</p> <ul style="list-style-type: none"> <li>a) The name or trade mark of the manufacturer</li> <li>b) Lot no./Batch No./Serial no./Code</li> <li>c) Water capacity in liters (L)</li> <li>d) Marking "LPG" or "Auto LPG"</li> <li>e) Design pressure in Mpa, kpa, or Bar</li> <li>f) The wordings "Maximum filling 80%"</li> <li>g) Month and year of hydrostatic test in MM-YY (i.e. 05-20)</li> <li>h) The standard used</li> <li>i) The thickness of steel plate in mm (locally made automotive LPG cylinders)</li> <li>j) PS Mark with license number of the automotive LPG cylinder manufacturer.</li> <li>k) Made in the Philippines for locally made cylinders or country of origin for imported cylinders.</li> </ul> <p>In the absence of any of the required markings or submission of incomplete markings, the application for PS License shall not be processed until such time that only compliant automotive LPG cylinders with PNS 04 are used by the retrofitter.</p> <p>The required information shall be also clearly and permanently marked on the rear trunk of the automotive vehicle, which houses the automotive LPG system:</p> <ul style="list-style-type: none"> <li>a) PS Mark and License number of the retrofitter</li> <li>b) Name of the retrofitter</li> <li>c) Address of the retrofitter</li> <li>d) Date of the retrofitting</li> <li>e) Name of the retrofitting staff</li> </ul>

## SAMPLING REQUIREMENTS

TABLE 2: SAMPLING SIZE FOR PS APPLICATION

No.	Products / Type	In-Plant Test	Independent Laboratory Test	Reserved Samples
1	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) (New Cylinders)	1 set of 4pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4pcs. of cylinders per type/water capacity (L) /per manufacturer's brand  For SOC application (Critical Test):  1 set of 2 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4pcs. of cylinders per type/water capacity (L) /per manufacturer's brand.  For SOC application (Critical Test):  1 set of 2 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand
2	Transportable and refillable welded steel cylinders for liquefied petroleum gas (LPG) (Repaired Cylinders)	1 set of 6 pcs. of cylinders per type/water capacity (L) per repairer's brand	1 set of 6 pcs. of cylinders per type/water capacity (L) per repairer's brand.	1 set of 6 pcs. of cylinders per type/water capacity (L) per repairer's brand
3	Road vehicles - Selected LPG Cylinders and Ancillary products - LPG components - Containers	For metal containers:  1 set of 9 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand  For composite containers:  1 set of 13 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	For metal containers:  1 set of 9 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand  For composite containers:  1 set of 13 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	For metal containers:  1 set of 9 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand  For composite containers:  1 set of 13 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand
4	Liquefied Petroleum Gas Regulator for domestic use	1 set of 5 pcs. of gas regulators per type/model/per manufacturer's brand	1 set of 5 pcs. of gas regulators per type/model /per manufacturer's brand	1 set of 5 pcs. of gas regulators per type/model /per manufacturer's brand

5	Gas cylinders - Refillable seamless aluminum alloy gas cylinders - Design, construction and testing	1 set of 5 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 5 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 5 pcs. of cylinders type/water capacity (L) /per manufacturer's brand
6	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - (1) Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 L), (2) Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 L with the load-sharing metal liners.) and (3) Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 L with non-load-sharing metallic or non-metallic liners	1 set of 4 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand
7	Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L - Design, construction and testing.	1 set of 4 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 4 pcs. of cylinders type/water capacity (L) /per manufacturer's brand
8	Gas Cylinders - Refillable welded stainless steel cylinders - (1) Test pressure 6 MPa and below; (2) Test Pressure greater than 6 Mpa	1 set of 8 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand.	1 set of 8 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 8 pcs. of cylinders type/water capacity (L) /per manufacturer's brand

9	Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking	1 set of 5 pcs. of cartridges per type/water capacity (L) /per manufacturer's brand	1 set of 5 pcs. of cartridges per type/water capacity (L) /per manufacturer's brand	1 set of 5 pcs. of cartridges type/water capacity (L) /per manufacturer's brand
10	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) -	1 set of 1 pc, 3 meters length. of rubber hoses per type/model/per manufacturer's brand	1 set of 1 pc, 3 meters length. of rubber hoses per type/model /per manufacturer's brand	1 set of 1 pc, 3 meters length. of rubber hoses per type/model /per manufacturer's brand
11	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - 1) Quenched and tempered steel cylinders with tensile less than 1100 MPa; 2) Quenched and tempered steel cylinders with tensile strength greater than or equal to 1100MPa, 3) Normalized steel cylinders, 4) Stainless steel cylinders with an Rm value of less than 1 100 Mpa	1 set of 7 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 7 pcs. of cylinders per type/water capacity (L) /per manufacturer's brand	1 set of 7 pcs. of cylinders type/water capacity (L) /per manufacturer's brand
12	Gas cylinders LPG cylinder valves (self-closing)	1 set of 4 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 4 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 4 pcs. of cylinder valves per type/model/per manufacturer's brand
13	Gas cylinders - LPG cylinder valves - (Manually operated)	1 set of 13 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 13 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 13 pcs. of cylinder valves per type/model/per manufacturer's brand

14	Gas cylinders - Refillable seamless steel tubes for compressed gas transport	1 set of 1 pc. 3 meters tube per type/model/per manufacturer's brand	1 set of 1 pc. 3 meters tube per type/model/per manufacturer's brand	1 set of 1 pc. 3 meters tube per type/model/per manufacturer's brand
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**TABLE 3: SAMPLING SIZE FOR ICC APPLICATION**

No.	Products / Type	3 <sup>rd</sup> Party (Independent Testing)	Reserved Samples
1	Liquefied Petroleum Gas Regulator for domestic use	1 set of 5 pcs. of gas regulators per type/model/per manufacturer's brand	1 set of 5 pcs. of gas regulators per type/model/per manufacturer's brand.
2	Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking.	1 set of 5 pcs. of cartridges per type/water capacity (L) /per manufacturer's brand	1 set of 5 pcs. of cartridges per type/water capacity (L) /per manufacturer's brand.
3	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) -	1 set of 1 pc, 3 meters length. of rubber hoses per type/model/per manufacturer's brand	1 set of 1 pc, 3 meters length. of rubber hoses per type/model/per manufacturer's brand
4	Gas cylinders LPG cylinder valves (self-closing)	1 set of 4 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 4 pcs. of cylinder valves per type/model/per manufacturer's brand
5	Gas cylinders - LPG cylinder valves - (Manually operated)	1 set of 13 pcs. of cylinder valves per type/model/per manufacturer's brand	1 set of 13 pcs. of cylinder valves per type/model/per manufacturer's brand

TABLE 4: RELEVANT PNS AND TESTING REQUIREMENTS

No.	Product	Philippine National Standard (PNS)	PNS Title	IN-PLANT TESTS	3 <sup>RD</sup> PARTY TESTING FOR PS SCHEME / ICC SCHEME
1	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) (New Cylinders)	PNS 03-1:2020	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) - Part 1 - Specification	Mechanical (Tensile, Burst, Bend Test, Chemical, Macro Etch, Radiographic Test)	For SOC application (Critical test): Burst test and Radiographic test
2	Transportable and refillable welded steel cylinders for liquefied petroleum gas (LPG) (Repaired Cylinders)	PNS 03-3:2020	Transportable and refillable steel cylinders for liquefied petroleum gas (LPG) - Part 3 - Requirements for repair	Hydrostatic and air leak test in accordance with PNS 03-3.	
3	Road vehicles - Selected LPG Cylinders and Ancillary products LPG components (Metal and Composite Containers)	PNS 04:2018	Road vehicles - Selected LPG Cylinders and Ancillary products LPG components - Containers	Materials (Chemical Test), For metal containers: tensile strength, Bend test, Burst test, Pressure test, Hardness Test, Fatigue Test, Bonfire Test, Radiographic Examination, Macroscopic examination of welds, Visual inspection of welds, For Composite Cylinders: Burst Test, Pressure Tests, Ambient temperature pressure cycling test, High temperature pressure cycling test, Permeation Test, LPG cycling test, High temperature creep test, Bonfire Test, Impact Test, Drop Test, Boss Torque Test, Acid environment test, Ultra-radiation test	
4	Liquefied Petroleum Gas Regulator for domestic use	PNS 1961:2011	Liquefied Petroleum Gas Regulator for domestic use - Specification	1) Performance testing: Chatter test, Rated capacity, Drop test, Endurance test, Lock-up. 2) Nozzle dimensions	
5	Gas cylinders - Refillable seamless aluminum alloy gas cylinders - Design, construction and testing	PNS ISO 7866:2014	Gas cylinders - Refillable seamless aluminum alloy gas cylinders - Design,	1) Tensile test 2) Bend test 3) Flattening test	

			construction and testing	4) Hydraulic burst test 5) Leak Test
6	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing –	PNS ISO 11119-1:2019	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l	1) Hydraulic Proof test or volumetric expansion test 2) Pressure cycling test 3) Burst test 4) Leak test
		PNS ISO 11119-2:2014	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with the load-sharing metal liners.	
		PNS ISO 11119-3:2014	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing - Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners	
7	Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L	PNS ISO 11515:2014	Gas cylinders - Refillable composite reinforced tubes of water capacity between 450 L and 3000 L - Design,	1) hydraulic Proof test or volumetric expansion test 2) Ambient cycle test 3) Burst test 4) Leak test

			construction and testing	
8	Gas Cylinders - Refillable welded stainless steel cylinders – (1) Test pressure 6 MPa and below; (2) Test Pressure greater than 6 Mpa	PNS ISO 18172-1:2014	Gas Cylinders - Refillable welded stainless steel cylinders - Part 1: Test pressure 6 MPa and below	Visual examination, Hydraulic burst test, Pressure cycling test, Corrosion Test, Tensile Test, Bend Test, Impact Test, Macroscopic examination of weld cross-sections, Pressure Test, Hardness Test, Leakage Test,
		PNS ISO 18172-2:2014	Gas Cylinders - Refillable welded stainless steel cylinders - Part 2: Test Pressure greater than 6 Mpa	
9	Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking	PNS EN 417:2016	Non-refillable gas cartridges for liquefied petroleum gases, with or without a valve, for use with portable appliances - Construction, inspection, testing and marking	Dimensions; Net capacity; Pressure strength; Gas tightness of cartridges; Gas tightness of valves; Drop test; Threaded centre boss valve - Mechanical strength torque test; Tightness control for internal leakage limiter;
10	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) -	PNS ISO 2928:2013	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) - Specification	Dimensions, Physical Properties, Electrical resistance,
11	Gas cylinders - Refillable seamless steel gas cylinders	PNS ISO 9809-1:2014	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - Part 1: Quenched and tempered steel cylinders with tensile less than 1100 MPa	Tensile Test, Bend Test, Flattening Test, Impact Test, Hydraulic Burst Test, Hydraulic Test, Hardness Test, Leak Test,



		PNS ISO 9809- 2:2014	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1100MPa	
		PNS ISO 9809- 3:2014	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing -Part 3 - Normalized steel cylinders	
		PNS ISO 9809-4:204	Gas cylinders - Refillable seamless steel gas cylinders - Design, construction, and testing - Part 4 Stainless steel cylinders with an Rm value of less than 1 100 Mpa	
12	Gas cylinders LPG cylinder valves (self-closing)	PNS ISO 14245:2013	Gas cylinders - Specification and testing of LPG cylinder valves - Self-closing	Refer to Valve Test Requirements, Table 1 of PNS ISO 14245:2013
13	Gas cylinders LPG cylinder valves (manual closing)	PNS ISO 15995:2013	Gas cylinders - Specification and testing of LPG cylinder valves - Manually operated	Refer to Valve Test Requirements, Table 1 of PNS ISO 15995:2013
13	Gas cylinders - Refillable seamless steel tubes for compressed gas transport	PNS 11120:2014 Amd. 01:2014	Gas cylinders - Refillable seamless steel tubes for compressed gas	Chemical composition, construction and workmanship, Mechanical Tests, Hydraulic Test,

			transport of water capacity between 150 l and 300 l - Design construction and testing	Hardness Test, Dimensional inspection
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TABLE 6: SCHEDULE OF FEES AND CHARGES FOR THE PS

PARTICULARS		FEE	PAYABLE TO
1	Application Form	Php 300.00	DTI
2	Quality Manual Review	Php 5,000.00	
3	Pre-Audit / Audit / Surveillance Audits per Man-Hour (Payable within 15 days after billing) as per size of establishment based on Table 1A		DTI/ BPS Recognized Auditing Body
3.1	Micro	Php 100.00 or as per charged by BPS Recognized Auditing Body	
3.2	Small	Php 300.00 or as per charged by BPS Recognized Auditing Body	
3.3	Medium	Php 400.00 or as per charged by BPS Recognized Auditing Body	
3.4	Large	Php 500.00 or as per charged by BPS Recognized Auditing Body	
4	Original License Fee* (Payable within 15 days after billing)		DTI
4.1	Micro	Php 5,000.00	
4.2	Small	Php 7,500.00	
4.3	Medium	Php 10,000.00	
4.4	Large	Php 12,500.00	DTI
5	Annual License Fee* (Payable within 15 days after billing)		
5.1	Micro	Php 2,500.00	
5.2	Small	Php 3,750.00	
5.3	Medium	Php 5,000.00	DTI/ BPS Recognized Auditing Body
5.4	Large	Php 6,250.00	
6	Transportation	As per arrangement (if necessary)	DTI/ BPS Recognized Auditing Body
7	Hotel Accommodation	As per arrangement (if necessary)	
8	Testing Fee	As charged by BPS Recognized Testing Laboratory	BPS Recognized Testing Laboratory
9	Freight Charges of Samples	As charged by Freight Forwarder	Freight Forwarder
10	Market Sample	As per Official Receipts / Sales Invoice	Establishment

TABLE 6A: SIZE OF ESTABLISHMENT

SIZE OF ESTABLISHMENT	ASSETS
Micro	Up to 3,000,000.00
Small	Php 3,000,001.00 up to Php 15,000,000.00
Medium	Php 15,000,001 up to Php 100,000,000.00
Large	Over Php 100,000,000.00

TABLE 7: SCHEDULE OF FEES AND CHARGES FOR THE ICC and SOC

PARTICULARS		FEE	PAYABLE TO
1	Application Fee	Php 300.00	DTI
2	Processing Fee (depends on the value of batch being applied for ICC/SOC)		
3	Invoice/batch value up to Php 500,000.00	Php 5,000.00	DTI
4	Invoice/batch value up to Php 500,000.00	Php 7,500.00	
5	Invoice/batch value up to Php 500,000.00	Php 10,000.00	

6	Inspection Fee	As charged by the DTI / BPS Recognized Inspection Body	DTI / BPS Recognized Inspection Body
7	Transportation	As per arrangement (if necessary)	DTI / BPS Recognized Inspection Body
8	Testing Fee	As charged by the BPS Recognized Testing Laboratory	BPS Recognized Testing Laboratory
9	Freight charges of samples	As charged by Freight Forwarder	Freight Forwarder
10	Market sample	As per Official Receipts / Sales Invoice	Establishment

Notes:

- ❖ *Original and Annual License Fees depend on the size of establishment as stipulated in Table 1A herein.*
- ❖ *The Schedule of Fees and Charges in this DAO were adopted from DAO 4:2008 and DAO 5:2008.*
- ❖ *Testing and Freight Charges not applicable to SOC.*

Application for Certificate of Exemption for LPG Pressure Vessels and Ancillary Products

Manufactured and Distributed in the Market

Prior to the Effectivity of DAO \_\_\_\_\_

Applicant Company:  Local Manufacturer  Importer

Name of Applicant Company: \_\_\_\_\_ Date: \_\_\_\_\_

Office Address: \_\_\_\_\_

Product: \_\_\_\_\_

Product Details:

Type/ Model	Manufacturing Date (if locally manufactured)	Date of Arrival in the Philippines (if imported)	Name of Manufacturer (if imported)	Country of Origin (if imported)	Value of Product (in Php)	Store/Warehouse Address where the products are stored	Batch/Serial Nos.	Quantity

Declared by: \_\_\_\_\_

Total = \_\_\_\_\_

Name and Signature of Company Representative \_\_\_\_\_



**CERTIFIED  
Product Quality  
License No. Q-XXXX**

Fig. 1 Philippine Standard (PS) Quality Marks

Note: Actual size may vary according to size of product.

THE NEW TECHNICAL REGULATION CONCERNING THE MANDATORY  
CERTIFICATION OF LIQUEFIED PETROLEUM GAS (LPG) PRESSURE VESSELS, SYSTEMS, SERVICES AND  
ANCILLIARY PRODUCTS.