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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 35-2004

Replacing CJ/T 35-1999

**Rules for packaging and transportation of liquefied petrol eum
gas cylinders
(English Translation)**

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Foreword

This standard replaces CJ/T 35-1999 (ZBJ74009-1989) "Liquid Petroleum Gas Cylinder Packaging and Transportation Regulations".

The main changes in this standard compared with CJ/T 35-1999 (ZBJ74009-1989) are as follows.

--- Due to the release of GB 15380-2001 "small volume liquefied petroleum gas cylinder", and the multi-purpose structure of liquefied petroleum gas cylinder Changes in the way, thereby increasing the packaging and transportation regulations for liquefied petroleum gas cylinders for multi-structure use;

--- Combine the original standard packaging method and packaging technical requirements into the technical requirements and methods of packaging, which can avoid duplication;

--- In the standard technical elements, the packaging grading, test methods, inspection rules are added to make the standard structure and technical elements further perfect.

This standard was proposed by the Institute of Standards and Ratings of the Ministry of Construction.

This standard is under the jurisdiction of the National Cylinder Standardization Technical Committee Liquefied Petroleum Gas Bottle Subcommittee.

This standard was drafted. Guangzhou Cylinder Hardware Products Factory, Hunan Nuclear Industry Honghua Machinery Co., Ltd.

1 Scope

This standard specifies the requirements for the process of transporting and packaging LPG cylinders.

This standard applies to the normal ambient temperature of $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$, the hydraulic pressure test is not more than 3.2 MPa, the nominal volume is not less than 150L. A steel welding cylinder (hereinafter referred to as a cylinder) filled with liquefied petroleum gas is repeatedly used.

This standard does not apply to steel cylinders in use.

2 Normative references

The terms in the following documents become the provisions of this standard by reference to this standard. All dated references are followed by this amendment is not applicable to amendments (not including errata content) or revisions. However, parties to agreements based on this standard are encouraged to study whether the latest version of these files is available. For undated references, the latest edition applies to this standard.

GB 191 packaging storage and transportation icon GB/T 4857.4 Packaging and transportation package pressure test method GB/T 4857.20 Packaging transport package crash test method GB 5842 LPG GB/T 6543-1986 Corrugated box GB/T 6544 corrugated cardboard General technical conditions for GB/T 13384 mechanical and electrical product packaging GB 15380 small volume liquefied petroleum gas cylinder

3.4 Wooden box packaging

3.5 If the user has special requirements, it will be packaged according to the requirements of the user.

4.1 Requirements for cylinders and accessories before packaging

4.1.1

The factory-made cylinders must be prepared with the product certificate and the instruction manual before they can be packed.

4.1.2

The product certificate is packed in plastic bag and hung on the shield. It can also be packed in the plastic valve bag over the entire angle valve sleeve and tightened at the valve seat.

seal.

4.1.3

The cylinder should be packaged to ensure that the cylinder is subjected to multiple handling and handling without damage.

4.1.4

The angle valve of the cylinder angle valve should be covered with a wooden or plastic plug, which is tightly closed or tightly closed.

4.2 Retaining ring bare

4.2.1

YSP4.7 type, YSP12 type, YSP23.5 type, YSP35.5 type steel cylinders each set of retaining ring 2, the inner diameter of the retaining ring is based on the cylinder Depending on the diameter (D0), the size of the retainer is shown in Figure 1.

4.2.2

YSP118 type steel cylinder set retaining ring 2, the size of the retaining ring is shown in Figure 2.