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

GB 21176-2007

**Safety code for inspection of hazardous properties for
dangerous goods of liquefied petroleum gas**

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(English Translation)

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Foreword

This standard Chapter 5, Chapter 6 is mandatory, the rest is recommended.

This standard and the United Nations "Recommendations on the Transport of Dangerous Goods Model Regulations" (Fourteenth Edition) consistency between the non-equivalent Effect, the technical content of the rules and regulations consistent with the above, in the standard text format by GB/T 1.1-2000 made editorial changes.

This standard by the National Standardization Technical Committee of hazardous chemicals management (SAC/TC251) and focal point.

1 Scope

This standard specifies the liquefied petroleum gas dangerous goods inspection requirements, test and inspection rules.

This standard applies to the dangerous properties of liquefied petroleum gas dangerous goods inspection.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. All dated references, which are subsequently owned Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to reach an agreement based on this standard research Whether you can use the latest versions of these files. For undated references, the latest version applies to this standard.

GB 19458 Dangerous goods dangerous goods inspection safety rules GB 19521.3-2004 flammable gas dangerous goods inspection safety specification GB 19521.8 Toxic gases

Dangerous goods Hazardous characteristics inspection Safety regulations UN
Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria
(Rev. 4)

3 Terms and definitions

The UN term "Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria" (Rev. 4), as well as the following terms and definitions Applicable to this standard.

Liquid propane, butane as the main component of liquid petroleum products, generally propane, commercial butane and commercial products, butane mixture.

At atmospheric pressure, 20 °C, the air can be ignited gas.

After 24 h (or less) continuous inhalation of gas into adult male and female mice, it is most likely to cause these animals to die halfway within 14 days Vapor, smoke or dust concentration.

4 Requirements

4.1

flammable gas packaging casting, printing or paste the marks, signs, should be consistent with the relevant provisions of GB 19458 requirements.

4.2

liquefied petroleum gas should be loaded liquefied petroleum gas tank or liquefied petroleum gas cylinder for storage.

4.3

Liquefied petroleum gas storage tanks should be located in the tank area. Storage tank should have the required signs and signs. Storage place should be set "flammable items" "No smoking" and other eye-catching signs.

5.1 Test General Requirements

5.1.1

The content of liquefied petroleum gas in the test should not exceed 10g/m³.