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

CJ/T 479-2015

Replacing CJ/T 3075.1-1998; CJ/T 3075.2-1998

**General technique requirement for laboratory of gas burning
appliances**

(English Translation)

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Table of Contents

- Preface
- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Test capabilities and conditions
- 5 Test equipment
- 6 Gas supply system technical requirements
- Safe operation
- Appendix A (Informative) Flammable gas dangerous equivalent calculation

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces CJ/T 3075.1-1998 "Gas Burner Laboratory - Technical General" and CJ/T 3075.2-1998 "gas burning Burning apparatus laboratory - test apparatus and equipment ", and CJ/T 3075.1-1998 and CJ/T 3075.2-1998 compared to the main technical changes as follows.

- Added terms and definitions section and definitions of hazard equivalents (see 3);
- Increasing laboratory indoor flammable and harmful gas monitoring requirements (see 4.3.2);
- Increasing the maximum allowable limit of flammable gas in different places (see 6.1);
- Complement the allocation of gas station site layout technical requirements (see 6.4.1, 1998 version of CJ/T 3075.1 5.1);
- Supplemented laboratory auxiliary professional and technical requirements (see 6.4.2, 1998 edition CJ/T 3075.1 of 5.2);
- Modify the combustion laboratory functional requirements (see 4, 1998 version of CJ/T 3075.1 4.1);
- Modify the requirements of the combustion laboratory ventilation (see 4.3.4, 1998 version 5.3.2 CJ/T 3075.1);
- Modify the gas supply system requirements (see 6, CJ/T 3075.1 of 1998 version 6.3.3 to 6.3.7);

--- Modify the safe operation and operation requirements (see 7, CJ/T 3075.1 of 1998 version 6.3.8 to 6.3.10);

--- Deleted gas station gas pipeline-related process design parameters and test parameters (see 1998 edition CJ/T 3075.2 of 7).

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Gas Standardization Technical Committee centralized.

This standard was drafted. China Municipal Engineering North China Design and Research Institute Co., Ltd., Guangdong Nuoke Refrigeration Equipment Co., Ltd., Guangdong million and the New Electric Co., Ltd., Guangzhou Dissen domestic boiler Manufacturing Co., Ltd., the national gas appliances Quality Supervision and Inspection Center, the energy rate (in State) Investment Co., Ltd., Yinchuan Aini Industrial Technology Development Co., Ltd., Guangdong, the United States kitchen appliances Electric Manufacturing Co., Ltd., Yu Fubao kitchen equipment (Shenzhen) Co., Ltd., Guangzhou Jing Ding Electric Technology Co., Ltd., Zhejiang Xintao Electronic Machinery Co., Ltd., Hangzhou boss Electric shares Co., Ltd., Schindler Technology Group Co., Ltd., Shanghai Dream Industry Automation System Co., Ltd.

1 Scope

This standard specifies the gas burning appliances laboratory (hereinafter referred to as. laboratory) terms and definitions, test capabilities and conditions, test equipment Equipment, gas supply system and safe operation.

This standard applies to the test GB 16914 defined gas burner with laboratory.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 2894 safety signs and guidelines for their use GB 3836.14 Electrical apparatus for explosive gas atmospheres - Part 14. Classification of hazardous locations GB 4962 hydrogen safety technical regulations GB 7144 cylinder color logo GB 7231 Industrial pipes of the basic identification of color, identification symbols and safety signs GB/T 13611 urban gas classification and basic characteristics GB/T 17626.2 Electromagnetic compatibility test and measurement techniques Electrostatic discharge immunity test GB/T 17626.3 Electromagnetic compatibility testing and measurement techniques RF electromagnetic field immunity test GB/T 17626.4 Electromagnetic compatibility test and measurement

techniques fast transient burst immunity test GB/T 17626.5 electromagnetic compatibility test and measurement techniques surge (impact) immunity test GB/T 17626.6 electromagnetic compatibility test and measurement techniques RF field induced conducted disturbances Immunity GB/T 17626.8 Electromagnetic compatibility test and measurement techniques Power frequency magnetic field immunity test GB/T 17626.11 electromagnetic compatibility test and measurement techniques voltage dips, short interruptions and voltage variations immunity test GB 18218 Hazardous chemicals identification of major hazards Gas heating water heaters GB 50019 Heating Ventilation and Air Conditioning Design Code GB 50028 urban gas design specifications GB 50058 explosion hazardous environment power plant design specifications GB 50116 automatic fire alarm system design specifications GB 50140 fire extinguisher configuration design specifications GB 50184 Industrial Metallic Pipeline Construction Quality Acceptance Specification GB 50187 General design of industrial enterprises Specification for detection and alarm of flammable gases and toxic gases in petrochemical industry CJ/T 180 building manual gas valve JGJ91 Scientific experimental architectural design code Gas Cylinder Safety Supervision Regulations (No. 46 of the General Administration of Quality Supervision, Inspection and Quarantine)