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CJ

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

CJ/T 30-2013

Replacing CJ 30-1999

**Thermocouple electromagnetic protector of extinguishment for
gas appliance
(English Translation)**

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References

Foreword

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

This standard replaces CJ 30-1999 "thermoelectric burner flameout protection device", compared with the CJ 30-1999, the main technical changes are as follows.

--- Increased use of auxiliary energy thermoelectric burner flameout protection device (see Chapter 1, Appendix E);

--- Increased torsion and bending, rated flow, operating characteristics and air tightness requirements (see 6.3,6.4,6.6.1,6.6.5);

--- Modify the thermoelectric gas flameout protection device classification (see Chapter 4, 1999 edition of Chapter 4);

--- Modify the valve opening time, valve closing time requirements (see 6.6.4, 1999 version 5.2.3);

--- Deleted the establishment of models (see 1999 version 4.4);

--- Removed the open valve current requirements (1999 version 5.2.2).

This standard uses redrafted Law Amendment adopts BSEN125.:2010 "gas appliance flame control device thermoelectric flame monitoring device." this standard and BSEN125.:2010 compared to more structural adjustment, Appendix A lists the standard and BSEN125.:2010 chapter Article number control list.

This standard compared with BSEN125.:2010 there are technical differences, the provisions of these differences have been passed in the outer margin of the page margin Set the vertical single line (-) marked, Appendix B shows the corresponding technical differences and their causes list.

This standard is consistent with GB 16914-2012 "gas burning appliances safety conditions," Appendix H gives the standard branch GB 16914-2012 with the basic requirements of the provisions of the corresponding table.

This standard made the following editorial changes.

- Modify the standard name as "thermoelectric burner flameout protection device";
- Removed BSEN125.:2010 cover, directory, preface and description;
- Removed BSEN125.:2010 Appendix A (informative) "countries commonly used gas connection";
- Removed BSEN125.:2010 Annex C (informative) "Gas tightness test --- pressure loss method";
- Removed BSEN125.:2010 Appendix D (normative) "pressure loss method converted into leakage";
- Removed the BSEN125.:2010 Appendix F (normative) "EU quality 97/23/EC in the safety Annex and pressure Additional requirements for attachments ";
- Removed BSEN125.:2010 Appendix G (normative) "pressure parts material";
- Removed BSEN125.:2010 Appendix H (informative) "compression parts additional materials";
- Removed BSEN125.:2010 Appendix ZA (Informative) "on gas fuels EU standards and EC directives 2009/142/EC correspondence between;
- Added Appendix C (informative) "flameout protection device type and composition";
- Added Appendix D (informative) "flame sensing thermocouple installation requirements";
- Added Appendix E (normative) "use auxiliary energy flameout protection device special requirements";
- Added Appendix F (informative) "Solenoid single test method." 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. Zhejiang Siguo Precision Electrical Co., Ltd., Austrian can Electronics (Kunshan) Co., Ltd., the quality of national gas appliances Inspection Center, Ningbo Wanbao Electric Co., Ltd., Ningbo Okay Security Technology Co., Ltd., Zhongshan Chun Ye Jia Ante Appliance Co., Ltd.

North China Municipal Engineering Design and Research Institute.

1 Scope

This standard specifies the terms and definitions, classification, structure and material of the thermoelectric burner flameout protection device (hereinafter referred to as "flameout protection device") Materials, requirements, test methods, inspection rules, marking, installation and operating instructions, packaging, transportation and storage.

This standard applies to indicate the maximum working pressure below 10kPa, the nominal connection size is not greater than DN50, and used in line with GB/T 13611 provisions of urban gas appliances with thermoelectric burner flameout protection device.

This standard also applies to.

- By the thermoelectric power-driven, can be individually tested for the thermoelectric ignition flameout protection device solenoid valve;
- flame sensing thermocouple;
- The use of auxiliary energy thermoelectric burner flameout protection devices (such as externally supplied electricity).

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/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.:1997, MOD) GB/T 1019-2008 Household and similar electrical appliances packaging General GB/T 3091 welded steel pipe for delivery of low-pressure fluid (GB/T 3091-2008, ISO 559.:1991, NEQ) GB 4706.1 Household and similar electrical appliances - Safety Part 1. General requirements (GB 4706.1-2005, IEC 60335-1.

2004 (Ed4.1), IDT)

GB 4706.94 Safety of household and similar electrical appliances Electrical connections to