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

CJ/T 124-2016

Replacing CJ/T 124-2004

**Fittings of steel reinforced polyethylene plastic pipes for water
supply**

(English Translation)

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Foreword

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

This standard replaces CJ/T 124-2004 "steel skeleton for water supply polyethylene plastic composite pipe fittings." this standard is CJ/T 124-2004 "water supply steel frame polyethylene plastic composite pipe" revision, and CJ/T 124-2004 phase Than the main technical changes are as follows.

- Increasing the yield strength of steel (see 4.2.2);
- Increased steel-plastic composite enhanced electric hot melt ribbon (see 3.4,5.5, Appendix E);
- Increased fused tube and electric melting resistance with the resistance of the technical requirements and resistance measurement requirements (see 6.6,7.8);
- Increase the resistance of the fused tube when the storage test requirements (see 9.4.2);

- Modify the properties of polyethylene materials (see 4.1, 2004 edition 4.1);
- Modify the tube classification and presentation (see Chapter 5, 2004 edition of Chapter 5);
- Modify the inspection rules (see Chapter 8);
- Modified fused socket structure and size (see Appendix A, 2004 edition of Appendix A);
- Modify the basic parameters of the pipe (see Appendix B, 2004 edition of Appendix B);
- Remove the basic parameters of double socket pipe (see 2004 edition of Appendix C).

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

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

This standard was drafted. CRE Sky Industrial Development Co., Ltd., Harbin Starway Pipeline Technology Co., Ltd., Daqing Oilfield Kun Lun Group Co., Ltd. Pipe Branch, Anyuan Pipeline Industrial Co., Ltd., Fujian Zhonghong Construction Investment Co., Ltd.

1 Scope

This standard specifies the terms and definitions, raw materials, general provisions of the steel skeleton polyethylene plastic composite pipe fittings (hereinafter referred to as the pipe fittings) Requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to both inside and outside the building overhead and buried steel pipe polyethylene plastic composite pipe fittings.

This standard and CJ/T 123 "steel skeleton polyethylene pipe for water supply" with the use.

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 228.1 Tensile testing of metallic materials - Part 1. Room temperature test method
GB/T 709 hot-rolled steel sheet and strip size, shape, weight and tolerances GB/T 1033.1
Determination of plastic non-foam density - Part 1. Immersion, liquid pycnometer and
titration GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection
sampling plan by acceptance quality limit (AQL) GB/T 2918 plastic sample conditioning and
testing of the standard environment GB/T 3682 Thermoplastics melt mass flow rate and

melt volume flow rate determination Thermoplastics pipes for the conveyance of fluids - Pressure resistance test methods Plastics piping systems - Determination of dimensions of plastic parts GB/T 13021 Polyethylene pipe and fittings carbon black content (thermal weight loss method) GB 15558.1 Buried polyethylene (PE) piping systems for gas - Part 1. Tubing Fluidized plastic pipes - Hydraulic instantaneous burst and pressure test methods GB/T 17219 drinking water distribution equipment and protective materials safety evaluation criteria GB/T 18251 Polyolefin pipes, fittings and mixed materials Determination of pigment or carbon black dispersion GB/T 18252 plastic pipe system using extrapolation to determine the long-term hydrostatic strength of thermoplastic materials in the form of pipe GB/T 18476 Determination of resistance to crack propagation in polyolefin pipes for fluid transport - Test method for slow crack growth in notched pipe (Incision test) GB/T 19466.6 Plastics - Differential Scanning Calorimetry (DSC) Part 6. Oxidation induction time (isothermal OIT) and oxidation induction Determination of temperature (dynamic OIT) CJ/T 123 water supply steel frame polyethylene plastic composite pipe

3 Terms and definitions

The following terms and definitions apply to this document.

Nominal diameter d_n / nominal diameter DN / ID Nominal dimensions related to the inside diameter, in millimeters (mm).