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

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**Lightning protecting joint of city gas engineering
(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 proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban-township gas standard technical focal points centralized.

This standard was drafted. Chongqing Tai Fook Machinery Co., Ltd., North China Municipal Engineering Design and Research Institute, Triton letter of the (often State) Gas Equipment Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification, type and specification, requirements, test side of town gas mine connector (referred to as mine connector) Law, inspection rules, marking, packaging, transportation and storage.

This standard applies to the nominal size $DN \leq 150$, the nominal pressure of $PN \leq 0.4\text{MPa}$ users of gas pipe lightning surge intrusion Connector.

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 1047 pipe element DN (nominal size) of the definition and selection GB/T 1048 pipe element PN (nominal pressure) definition and selection GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) GB/T 7306.2 55 ° sealing pipe threads - Part 2. Female and female conical taper threads GB/T 8163 seamless steel pipe for conveying fluid GB/T 8923 steel surface coating before rust level and rust level GB/T 9440 malleable iron parts GB/T 9711.1 Petroleum and natural gas industries delivery pipe delivery conditions - Part 1. Grade A steel pipe GB/T 9711.2 Petroleum and natural gas industries delivery pipe delivery conditions - Part 2. Class B steel GB/T 12230 general valve stainless steel castings technical conditions GB/T 14976 stainless steel seamless pipe for fluid transport GB 15558.1 Buried polyethylene (PE) piping systems for gas - Part 1. Tubing GB/T 23257 buried steel pipe polyethylene coating Code for design of lightning protection of buildings GB 50251 Gas Pipeline Project Design Code

3 Terms and definitions

The following terms and definitions apply to this document.

Lightning connector lightningprotectionjoint Tubes with anti-lightning surge intrusion function for user gas pipelines to insulate indoor equipment and facilities from outdoor metal pipes Road connector. Lightning connector structure shown in Figure 1.