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

GB 20041.24-2009

**Conduit systems for cable management -- Part 24: Particular
requirement -- Conduit systems buried underground**

电缆管理用导管系统 第24部分：埋入地下的导管系统的特殊要求

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 20041 "Conduit systems for cable management" is divided into two parts.

--- Part 1. General requirements (GB/T 20041.1)

--- Part 2. Particular requirements (GB 20041.21 ~ 20041.24) - Part 21. Particular requirements for rigid conduit systems - Part 22. Particular requirements for flexible conduit systems - Part 23. Particular requirements for flexible conduit systems - Part 24. Particular requirements for conduit systems buried underground this section of Part 24 GB 20041. This section should be GB/T 20041.1-2005 used in conjunction.

This section identical with IEC 61386-24:2004 (first edition) "Conduit systems for cable management - Part 24. buried conduit Special requirements "of the system.

This section of the Appendix A, Appendix B is a normative appendix.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Standardization Technical Committee electrical accessories.

This section drafted by. China Electric Apparatus Research Institute, Hangzhou Hongyan Electric Co., Ltd., Guangdong Liansu Technology Industrial Co., Ltd. Foshan Gao Gu Plastic Co., Ltd., Guangdong CIQ.

1 Scope

GB/T 20041.1-2005 content of this chapter by the following alternatives.

This section provides for the buried conduit system (including conduit and conduit fittings) requirements and tests. These include catheter system for the protection and management of electrical installations or communication systems insulated wire and/or cable conduit and conduit fittings. This standard applies to metallic, Non-metallic and composite conduit systems, including the termination of these catheter system interfaces catheter threaded and non-threaded.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 20041.1-2005 of this chapter for the following modifications apply.

GB/T 17194 NA

GB 17466-1998 NA

increase.

GB/T 4217-2001 and the nominal outer diameter of said fluid delivery Thermoplastics pipes for the public (eqv ISO 161-1:1996) GB/T 1804-2000 General tolerances for linear and angular dimensions without individual tolerance (eqv ISO 2768-1. 1989)

3 Definitions

GB/T 20041.1-2005 this chapter apply.

4 General requirements

GB/T 20041.1-2005 this chapter apply.

5 General conditions for tests

GB/T 20041.1-2005 this chapter apply.

Category 6

GB/T 20041.1-2005 after this chapter apply for the following modifications.
modify.

NOTE: Appendix A is not applicable.

6.1 Mechanical properties classified by Alternative.

6.1.1 Pressure Resistance

6.1.1.1 250 type (Code 250)

NOTE: Press catheter system 6.1.1.1 Classification expected to bring additional protective measures to install these additional protective measures specified in the relevant national specification.

GB 20041.24-2009/IEC 61386-24:2004 6.1.1.2 450 type (Code 450)

NOTE: Press catheter system 6.1.1.2 Classification without additional protective measures are expected to be directly buried underground.

6.1.1.3 750 type (Code 750)

NOTE: Press catheter system 6.1.1.3 Classification without additional protective measures are expected to be directly buried underground.

6.2 Classification according to temperature

Not applicable.

7 Marking and documentation

GB/T 20041.1-2005 of this chapter for the following modifications apply.

7.1

Addition.

In addition, the catheter should be marked.

a) by 6.1.2 Classification code "L" or "N";

b) by 6.1.1 Classification code "250", "450" or "750", the code shall be marked immediately after the press a) marked code.

7.1.1 Not applicable

increase.

7.1.101 conduit should be identified in accordance with the requirements of 7.1. Logo should at regular intervals along the full length of the catheter, as the most suitable interval 1m, not more than 3m.

7.3 and 7.4 do not apply.

7.6 Addition.

Note 3 after the increase.

Note 4: considering alternative tests.

increase.

7.101 manufacturers should provide information in its proper installation and use of all safety information required.

In addition, the classification of the catheter system according to 6.1.1.1, the manufacturer shall provide instructions to install protective measures (if appropriate country Technical regulations).

Size 8

Alternative.

Catheter size should take precedence table 101 in accordance with the requirements.

The minimum inner diameter of qualified or not, by measuring two perpendicular diameters on the same cross section and calculate the average to check.

An outer diameter of qualified or not, using a ring gauge or other appropriate means to check.

9 Structure

Except as follows, GB/T 20041.1-2005 this chapter apply.

9.3

and 9.4 do not apply.

10 Mechanical properties

GB/T 20041.1-2005 of this chapter for the following modifications apply.

GB 20041.24-2009/IEC 61386-24:2004