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**Conduit systems for cable
management—Part 21: Particular
requirements—Rigid conduit
systems**

ICS 29.120.10

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In the event of any doubts arising as to the contents,
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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Institute of Electrical Installation Engineers of Japan (IEIEJ)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS C 8461-21:2005** is replaced by this Standard.

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JIS C 8461 series consists of the following four parts under the general title “*Conduit systems for cable management*”:

Part 1: General requirements

Part 21: Particular requirements—Rigid conduit systems

Part 22: Particular requirements—Pliable conduit systems

Part 23: Particular requirements—Flexible conduit systems

Conduit systems for cable management— Part 21: Particular requirements— Rigid conduit systems

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **IEC 61386-21** published in 2002 with some modifications of the technical contents, and addition of specifications for conduits used in Japan. This Standard is to be used in conjunction with **JIS C 8461-1:2012**.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

Clause 1 of **JIS C 8461-1:2012** (hereafter referred to as part 1) applies, except as follows.

This Standard specifies the requirements for rigid conduit systems.

NOTE: The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 61386-21:2002 *Conduit systems for cable management—Part 21: Particular requirements—Rigid conduit systems* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

Clause 2 of part 1 and the following apply.

JIS C 8305 Rigid steel conduits

JIS C 8430 Unplasticized polyvinyl chloride (PVC-U) conduits

JIS C 8461-1:2012 Conduit systems—Part 1: General requirements

NOTE: Corresponding International Standard: IEC 61386-1:1996 *Conduit systems for cable management—Part 1: General requirements* and Amendment 1:2000

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in clause 3 of part 1 apply. However, 3.5 shall be replaced by the following.

3.5 metallic conduit and/or conduit fitting

conduit and/or conduit fitting which consists mainly of metallic material