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Rigid steel conduits

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Contents

		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General requirements	2
5	General conditions for tests	2
6	Classification and requirements	2
7	Marking	3
8	Dimensions and mass	3
9	Construction	6
10	Mechanical properties	6
11	External influences	7
	Annex A (normative) Screw threads for conduits and fittings	8

Foreword

This Japanese Industrial Standard has been 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 8305:1999** is replaced with this Standard.

However, **JIS C 8305: 1999** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until March 19, 2020.

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Rigid steel conduits

1 Scope

This Japanese Industrial Standard specifies the dimensions, constructions and test methods for rigid steel conduits (hereafter referred to as conduits) used for the protection of electric wires and/or cables in electrical installations or communication facilities up to 1 000 V a.c. and/or 1 500 V d.c.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

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

JIS C 8461-21 : 2019 *Conduit systems for cable management — Part 21 : Particular requirements — Rigid conduit systems*

JIS G 3132 *Hot-rolled carbon steel strip for pipes and tubes*

JIS G 3141 *Cold-reduced carbon steel sheet and strip*

JIS Z 8401 *Guide to the rounding of numbers*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in Clause 3 of JIS C 8461-21, and the following apply.

3.1

thick conduit

conduit having the wall thickness specified in Table 2 and the screw threads of CTG specified in Annex A, with the properties of metallic conduit (3.101 of JIS C 8461-21), rigid conduit (3.11 of JIS C 8461-1), and threadable conduit and conduit fitting (3.15 of JIS C 8461-1)

The screw-cutting on conduit is omissible in the manufacturing process upon the agreement between the parties concerned with delivery.

3.2

thin conduit

conduit having the wall thickness specified in Table 3 and the screw threads of CTC specified in Annex A, with the properties of metallic conduit (3.101 of JIS C 8461-21), rigid conduit (3.11 of JIS C 8461-1), and threadable conduit and conduit fitting (3.15 of