

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS E 1103 : 2021

(JRCEA/JSA)

Light rails

ICS 45.080

Reference number : JIS E 1103 : 2021 (E)

Date of Establishment: 1952-02-12

Date of Revision: 2021-12-20

Date of Public Notice in Official Gazette: 2021-12-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

JIS E 1103 : 2021, First English edition published in 2022-07

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan

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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 Japan Railway Civil Engineering Association (JRCEA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS E 1103** : 1993), which has been technically revised.

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Light rails

1 Scope

This Japanese Industrial Standard specifies the requirements for the light rails of carbon steel (hereafter referred to as the rails).

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS G 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS G 0202** and **JIS G 0203** apply.

4 Classification

The rails are classified as given in Table 1.

Table 1 Classification

Class	Symbol	Remarks	
		Calculated mass (kg/m)	Fishbolt hole
6 kg rail	6	5.98	Yes ^{a)}
			No
9 kg rail	9	8.94	Yes ^{a)}
			No
10 kg rail	10	10.1	Yes ^{a)}
			No
12 kg rail	12	12.2	Yes ^{a)}
			No
15 kg rail	15	15.2	Yes ^{a)}
			No
22 kg rail	22	22.3	Yes ^{a)}
			No
Note ^{a)} Including the rails having fishbolt holes only on one surface.			