JIS

JAPANESE
INDUSTRIAL
STANDARD

JIS E 4037 : 2001

(JARI)

Railway rolling stock — Components — Test methods of weatherability

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Land, Infrastructure, Transport and Tourism through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS E 4037 includes the following Annex.

Annex (informative) Reference works concerning test methods

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Divisional Council on Railways and Rolling Stock

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Railway rolling stock—Components—
Test methods of weatherability

Introduction   This Japanese Industrial Standard specifies test methods and its contents for railway rolling stock components, which are used as bases for assessment in order for easier comparisons of data on weatherability thus for improved qualities in using and adopting the components.

1 Scope   This Standard specifies the test methods for weatherability for railway rolling stock parts (hereafter referred to as "parts").

> NOTE :   The parts to which this Standard is applicable shall be agreed between the manufacturer and the purchaser.

2 Normative references   The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of coming into effect/publication is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard and the revisions and amendments made thereafter do not apply.

JIS B 7751 : 1990   *Light-exposure and light-and-water-exposure apparatus (Enclosed carbon-arc type)*

JIS B 7753 : 1993   *Light-exposure and light-and-water-exposure apparatus (Open-flame sunshine carbon-arc type)*

JIS B 7754 : 1991   *Light-exposure and light-and-water-exposure apparatus (xenon-arc lamp type)*

JIS D 0205 : 1987   *Test method of weatherability for automotive parts*

JIS K 5400 : 1990   *Testing methods for paints*

JIS K 6259 : 1993   *Testing methods of resistance to ozone cracking for vulcanized rubber*

JIS K 7105 : 1981   *Testing methods for optical properties of plastics*

JIS L 0804 : 1994   *Grey scale for assessing change in colour*

JIS Z 2381 : 1987   *Recommended practice for weathering test*

JIS Z 8703 : 1983   *Standard atmospheric conditions for testing*

JIS Z 8720 : 2000   *Standard illuminants and sources for colorimetry*

JIS Z 8722 : 2000   *Methods of colour measurement—Reflecting and transmitting objects*

JIS Z 8729 : 1994   *Colour specification—CIE LAB and CIE LUV colour spaces*

JIS Z 8730 : 1995   *Colour specification—Colour differences of non-luminous object colours*