

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 4304 : 2016

(JEA/JSA)

Governor for elevators

ICS 91.140.90

Reference number : **JIS A 4304 : 2016 (E)**

A 4304 : 2016

Date of Establishment: 2016-03-25

Date of Public Notice in Official Gazette: 2016-03-25

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Architecture

JIS A 4304:2016, First English edition published in 2016-10

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 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 according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Elevator Association (JEA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Governor for elevators

1 Scope

This Japanese Industrial Standard specifies safety conditions for the governors installed in traction type elevators, winding drum type elevators and hydraulic elevators.

2 Normative references

The following standards contain provisions which, 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 B 7507 *Vernier, dial and digital callipers*

JIS B 7512 *Steel tape measures*

JIS B 7516 *Metal rules*

JIS B 7522 *Textile tape measures*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1 overspeed governor

device which, when the speed of the car, counterweight or balancing weight attains an abnormal speed, automatically shuts off the power of the hoisting machine and if the speed increases further, causes the safety gear to be tripped

3.2 tensioning device

device which gives a predetermined tension to an overspeed governor rope

It consists of a tension weight, a pulley, etc. The overspeed governor body may be taken as part of a tensioning device.

3.3 overspeed switch

switch provided in the overspeed governor which, when the car attains an abnormal speed, detects the abnormality and automatically shuts off the power of the hoisting machine to cause the operation of the elevator to stop

3.4 pull through force

holding force which the overspeed governor applies on the overspeed governor rope in order to cause the safety gear to be tripped

3.5 elevator

machine provided in a building, etc. in which a car, having a horizontal projected area over 1 m² or a ceiling height over 1.2 m, is ascended/descended to carry persons and/or objects