

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

Electrical Requirements for Lifts, Escalators And Moving Walks — Part 20: Cyber Security

(ICS 91.140.90)

Lifts, Escalators and Moving walks
Sectional Committee, ETD 25

Last date for Comments – 02/03/2024

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 8102-20 : 2022 Electrical Requirements for Lifts, Escalators And Moving Walks — Part 20: Cyber Security’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on recommendation of the Lifts, Escalators and Moving Walks Sectional Committee and approval of the Electrotechnical Division Council.

The text of the ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its place, is listed below along with its degree of equivalence for the edition indicated

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8100-1:2019, Lifts for the transport of persons and goods — Part 1: Safety rules for the	IS 17900 (Part 1) Lifts for the transport of persons and goods Part 1: Safety Rules	Modified/Technically Equivalent

construction and installation of passenger and goods passenger lifts		
IEC/TS 62443-1:2009, Industrial communication networks — Network and system security — Part 1-1: Terminology, concepts and models	IS/IEC 62443-1-1 : 2009 Industrial Communication Networks Part 1 Network and System Security Section 1 Terminology, concepts and models	Identical under single numbering
IEC 62443-3-3:2013, Industrial communication networks — Network and system security — Part 3-3: System security requirements and security levels	IS/IEC 62443-3-3 : 2013 Industrial Communication Networks Part 3 Network and System Security Section 3 System security requirements and security levels	Identical under single numbering
IEC 62443-4-1:2018, Security for industrial automation and control systems — Part 4-1 Secure product development lifecycle requirements	IS/IEC 62443-4-1 : 2018 Security for Industrial Automation and Control Systems Part 4 Section 1 Secure Product Development Lifecycle Requirements	Identical under single numbering
IEC 62443-4-2:2019, Security for industrial automation and control systems — Part 4-2 Technical security requirements for IACS components	IS/IEC 62443-4-2 : 2019 Security for Industrial Automation and Control Systems Part 4 Sec 2 Technical Security Requirements for IACS Components	Identical under single numbering

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard

<i>International Standard</i>	<i>Title</i>
IEC 62443-3-2:2020	Security for industrial automation and control systems — Part 3-2: Security risk assessment for system design

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*revised*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.