

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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DRAFT AMENDMENT NO. 2

TO

**IS 16623 : 2017 PULSATED MOVEMENT MONOCABLE ROPEWAYS WITH
FIXED GRIPS - CODE OF PRACTICE**

ICS 45.100.77.140.65

Continuous Bulk Conveying, Elevating, Hoisting Aerial Ropeways and Related Equipment Sectional Committee, MED 06	Last date for receipt of comments is 25 October 2024
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(*Foreword, fourth para*) — Insert the following after fourth para:

‘The list of India Standards on ropeways given in Annex B shall also be referred along with this standard.

The composition of the Committee responsible for the formulation of this standard is given in Annex C.’

(*Page 4, Clause 5.5.1*) — Substitute following for existing.

‘5.5.1 Direct Loads

In case of a vehicle provided with single grip the weights supported by the grip of the vehicle to the carrying-hauling rope should not exceed one-twentieth of the minimum tension of the rope calculated for the most unfavourable conditions of load but with the installation under normal conditions of operation. When there are several grips for each vehicle; it shall be ensured that the total weight of the vehicle carrying its full complement of passengers shall not exceed one-fifteenth of the minimum tension of the carrying-hauling ropes.’

(*Page 9, Annex A*) — Insert the following after Annex A.

‘ANNEX B

(*Foreword*)

INDIAN STANDARDS ON ROPEWAYS

The standards listed below shall also be referred for the construction, operation and maintenance of any type of ropeways. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

<i>IS No.</i>	<i>Title</i>
IS 5228: 2017	Continuous movement monocable ropeways with fixed grips - Code of practice (Second Revision)
IS 5229 : 2017	Continuous movement monocable ropeways with automatic grip — Code of practice (<i>second revision</i>)
IS 5230 : 2017	To and fro jig back movement bi-cable ropeways — Code of practice (<i>second revision</i>)
IS 7649 : 1975	Glossary of terms used in connection with aerial ropeways and cableways
IS 9228 : 2019	Chairs for chairlifts — Specification (<i>first revision</i>)
IS 16620 : 2017	Jig back movement monocable ropeways with fixed grips — Code of practice
IS 17232 : 2019	Continuous movement bicable tricable ropeways with detachable grip — Code of practice
IS 17233 : 2019	Acceptance and certification criteria for design and construction of all types of ropeways intended for transportation of passengers
IS 17234 : 2019	Operation and maintenance of all types of ropeways intended for transportation of passengers —Code of practice
IS 17235 : 2019	Magnetic rope testing MRT — Specification
IS 17236 : 2019	Prevention and safety against fire in ropeways — Code of practice
IS 17237 : 2019	Code of practice for design and construction of civil engineering works for ropeways — General requirements
IS 17238 : 2019	Safety requirements for ropeways installations designed to carry persons quality control
IS 17239 : 2019	Safety requirements for drives used for ropeway installation for passenger transportation
IS 17240 : 2019	Corrosion protection of iron and steel sections used in passenger ropeways — Code of practice
IS 17405 : 2020	Calculation for design of ropeway installation intended for transportation of passengers — Code of practice
IS 17406 : 2020	Transportation storage installation and tensioning of wire ropes for passenger ropeway — Code of practice'

(Page 10, Annex B) — Substitute ‘Annex C’ for ‘Annex B’.