

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

औद्योगिक ट्रक - स्थिरता - भाग 2: कारक और रिपोर्टिंग

Draft Indian Standard

Industrial trucks — Sustainability — Part 2: Factors and reporting

ICS: 53.060

Transport Tractors, Trailers and Industrial Trucks
Sectional Committee, TED 22

Last Date for Comments: 23/08/ 2024

Transport Tractors, Trailers and Industrial Trucks Sectional Committee, TED 22

NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 23434-2: 2021 ‘Industrial Trucks — Sustainability — Part 2: Factors and Reporting’ issued by International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendations of Transport Tractors, Trailers and Industrial Sectional Committee and after approval of the Transport Engineering Division Council.

The text of ISO standard is proposed 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 draft 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 certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standards</i>	<i>Degree of Equivalence</i>
EN 12053 Safety of industrial trucks — Test methods for measuring noise emissions	TED/22/20354 (Modified/Technically Equivalent To: ISO 3691-1:2011) Industrial Trucks Safety Requirements And Verification Part 1: Self -Propelled Industrial Trucks Other Than Driverless Trucks Variable -Reach Trucks And Burden-Carrier Trucks (Under Development)	Modified/Technically Equivalent

The technical committee may review the provisions of following International Standards referred in this adopted standard and may decide if they are acceptable for use in conjunction with this draft standard:

<i>International Standard</i>	<i>Title</i>
ISO 23308 (all parts)	Energy efficiency of industrial trucks — Test methods
ISO 23434-1: 2021	Industrial trucks — Sustainability — Part 1: Vocabulary
EN 13059: 2002	Safety of industrial trucks — Test methods for measuring vibration
EN 12895: 2015	Industrial trucks — Electromagnetic compatibility

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

Annex A forms informative part of this standard.

In reporting the result of a test or analysis made in accordance with this standard, is to be rounded off, it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

SCOPE

This document identifies sustainability factors and provides an example of a reporting format for sustainability information of industrial trucks. It is applicable to acquisition of raw materials, design, production, transportation/delivery, use, end-of-life treatment and final disposal of industrial trucks (hereinafter referred to as trucks) as defined in ISO 5053-1.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 23434-2: 2021 or CONTACT:

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