

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

**औद्योगिक ट्रक – कांटा-उत्पापक ट्रकों के कांटे का कार्यरत अवस्था में निरीक्षण एवं
मरम्मत**

(IS 14770 का पहला पुनरीक्षण)

Draft Indian Standard

**INDUSTRIAL TRUCKS INSPECTION AND REPAIR OF FORK ARMS IN SERVICE ON
FORK — LIFT TRUCKS**

(First Revision of IS 14770)

ICS: 53.060

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Last date for receipt of comments or
is 12/02/2024

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

NATIONAL FOREWORD

(Formal clause to be added later)

This draft Indian Standard which is identical with ISO 5057: 2022 ‘Industrial trucks — Inspection and repair of fork arms in service on fork-lift trucks’ 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 Trucks Sectional Committee and approval of the Transport Engineering Division Council.

This standard was originally published in 1993 and was identical to ISO 5057: 1993. This first revision of the standard has been undertaken to align it with the latest version of ISO 5057.

The major changes in this revision are as follows:

- a) Additional inspection requirements;
- b) Testing requirements aligned with ISO 2330; and
- c) Informative guidance on maximum inspection intervals.

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 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 draft standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standard, 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 Standard</i> | <i>Degree of Equivalence</i> |
|--|--|---------------------------------|
| ISO 2330 Fork-lift trucks — Fork arms — Technical characteristics and testing | IS/ISO 2330: 2002 Fork-Lift Trucks — Fork Arms — Technical Characteristics and Testing | Identical |
| ISO 2331 Fork lift trucks — Hook-on type fork arms — Vocabulary | IS 7570: 1975 Glossary of terms relating to fork arms and attachments of fork lift trucks | Modified/Technically Equivalent |

Attention is drawn to the possibility that some of the elements of this draft 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.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, 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 specifies methods for inspection and repair of solid-section fork arms in use on all types of fork-lift trucks.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 5057: 2022 or CONTACT:

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