

ISO

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 1044**

INDUSTRIAL TRUCKS

VOLTAGES OF TRACTION BATTERIES
FOR ELECTRIC TRUCKS

1st EDITION
April 1969

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BRIEF HISTORY

The ISO Recommendation R 1044, *Industrial trucks – Voltages of traction batteries for electric trucks*, was drawn up by Technical Committee ISO/TC 110, *Industrial trucks*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question led, in 1967, to the adoption of a Draft ISO Recommendation.

In September 1967, this Draft ISO Recommendation (No. 1062) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Ireland	Switzerland
Belgium	Israel	Turkey
Chile	Korea, Rep. of	U.A.R.
Czechoslovakia	Netherlands	United Kingdom
France	Poland	U.S.A.
Greece	South Africa, Rep. of	U.S.S.R.
India	Sweden	Yugoslavia

Three Member Bodies opposed the approval of the Draft :

Bulgaria
Germany
Japan

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1969, to accept it as an ISO RECOMMENDATION.

INDUSTRIAL TRUCKS

VOLTAGES OF TRACTION BATTERIES

FOR ELECTRIC TRUCKS

1. SCOPE

This ISO Recommendation gives the recommended voltages of traction batteries for electric trucks.

2. REQUIRED CHARACTERISTICS

Battery voltages should be according to the following two series :

- Series I - 12 - 24 - 36 - 48 - 72 V
- Series II* - 40 - 80 V

NOTE. - In case it is needed to complete both series by an intermediate value, it is recommended to use 60 V.

* Only for lead acid batteries.