

Revised.

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 1176**

VEHICLE WEIGHTS

DENOMINATIONS AND DEFINITIONS

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1176, *Vehicle weights – Denominations and definitions*, was drawn up by Technical Committee ISO/TC 22, *Automobiles*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

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

In October 1968, this Draft ISO Recommendation (No. 1725) 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 :

Belgium	Italy	Sweden
Chile	Japan	Switzerland
Czechoslovakia	Korea, Rep. of	Thailand
France	Netherlands	Turkey
Germany	New Zealand	U.A.R.
Greece	Portugal	United Kingdom
Hungary	Romania	U.S.S.R.
Israel	Spain	

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in January 1970, to accept it as an ISO RECOMMENDATION.

VEHICLE WEIGHTS

DENOMINATIONS AND DEFINITIONS

1. SCOPE

This ISO Recommendation presents denominations and definitions of vehicle weights, complete or not, considered in definite conditions.

The list of terms to be defined (denominations) precedes the definitions proper.

The definitions established should make possible a useful comparison of weights applying to similar conditions; they have been drafted taking into account their interest for the administration, the manufacturers and the users, especially from term 4.7 onwards.

This ISO Recommendation should be regarded as a study on terminology. In particular, it does not intend to indicate measurement methods nor to determine the units to be used to express the results, as long as the units used belong to the metric system. Neither precision to be obtained nor order of magnitude of the weights defined is indicated.

2. FIELD OF APPLICATION

The contents of this ISO Recommendation apply to commonly used motor vehicles and to their trailers. They do not apply to

- specially designed vehicles, for uses other than the carrying of passengers or goods;
- motor-cycles.

3. GENERAL

- 3.1 By "weight" or "load" is meant the force transmitted by the vehicle, or by the part of the vehicle to be defined, to a horizontal plane of contact, under static conditions.

Weights and loads are measured with the vehicle stationary; the vehicle and its road wheels are in the straight-ahead position.

- 3.2 Weight definitions apply to vehicles newly manufactured and with normal equipment. From term 4.7 to term 4.12 inclusive, both maximum weight set by the manufacturer and maximum weight authorized are defined for each case.

- 3.3 The definitions given do not necessarily apply to special vehicles, for which other definitions may sometimes be necessary.

- 3.4 For some terms, the elements shown with the reference mark (*) in the lists for their definitions need not be included, while others, not included, may be added.

Examples : fifth wheel, auxiliary anti-skid devices.

In both cases, the manufacturer when specifying the vehicle weight corresponding to a given term should indicate "ISO Recommendation R 1176, term . . .", and list afterwards all the elements not delivered or added, if any.

If the weight of the driver is included, this fact should be stated.