

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 668

DIMENSIONS AND RATINGS OF FREIGHT CONTAINERS

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 668, *Dimensions and ratings of freight containers*, was drawn up by Technical Committee ISO/TC 104, *Freight containers*, the Secretariat of which is held by the United States of America Standards Institute (USASI).

Work on this question by the Technical Committee began in 1961 and led, in 1964, to the adoption of a Draft ISO Recommendation.

In May 1965, this Draft ISO Recommendation (No. 804) 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 :

Argentina	Korea, Rep. of	Switzerland
Belgium	Morocco	Turkey
Chile	Netherlands	U.A.R.
Czechoslovakia	New Zealand	United Kingdom
Germany	Portugal	U.S.A.
Greece	South Africa,	
Israel	Rep. of	
Italy	Sweden	

Five Member Bodies opposed the approval of the Draft :

Australia
France
Ireland
Poland
U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council which decided, in February 1968, to accept it as an ISO RECOMMENDATION.

DIMENSIONS AND RATINGS OF FREIGHT CONTAINERS

1. DEFINITIONS

1.1 A *freight container* is an article of transport equipment

- (a) of a permanent character and accordingly strong enough to be suitable for repeated use;
- (b) specially designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading;
- (c) fitted with devices permitting its ready handling, particularly its transfer from one mode of transport to another;
- (d) so designed as to be easy to fill and empty;
- (e) having an internal volume of 1 m^3 (35.3 ft^3) or more.

The term *freight container* includes neither vehicles nor conventional packing.

1.2 *Rating*, for the purposes of this document, means the maximum gross weight and is the maximum permissible combined weight of the freight container and of its contents.

2. CLASSIFICATION AND DESIGNATION OF FREIGHT CONTAINERS

2.1 Two series of freight containers are approved :

- those of series 1, having a uniform cross-section of $2435 \text{ mm} \times 2435 \text{ mm}$ ($8 \text{ ft} \times 8 \text{ ft}$), are shown in Table 1;
- those of series 2, having a uniform height of 2100 mm ($6 \text{ ft } 10 \frac{1}{2} \text{ in}$), are shown in Table 2.

The actual dimensions of both series 1 and series 2 freight containers, and their tolerances, are given in Table 3.