

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 164

COMPOSITION OF ALUMINIUM ALLOY CASTINGS

1st EDITION
July 1960

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BRIEF HISTORY

The ISO Recommendation R 164, *Composition of Aluminium Alloy Castings*, was drawn up by Technical Committee ISO/TC 79, *Light Metals and Their Alloys*, the Secretariat of which is held by Association Française de Normalisation (AFNOR).

The Secretariat of the Technical Committee, in August 1954, drew up and circulated a first draft proposal dealing with compositions of aluminium alloy castings.

This draft proposal was briefly examined during the first meeting of the Technical Committee, held in Paris, in January 1955. A first list was drawn up containing the types of compositions to be studied with a view to their standardization.

The Secretariat thereafter circulated two further draft proposals in succession.

At the second meeting of the Technical Committee, held in Paris, in October 1956, the latter of these two draft proposals was thoroughly examined; after having been subjected to a fairly large number of modifications, it constituted the basis for an agreement reached among the delegations present.

The final text of this draft proposal was then submitted, by correspondence, to the members of the Technical Committee for their approval, and was adopted by a majority of them as a Draft ISO Recommendation.

On 21 November 1958, the Draft ISO Recommendation (No. 258) was distributed to all the ISO Member Bodies and was approved, subject to some amendments, by the following Member Bodies:

Australia	India	Romania
Austria	Israel	Spain
Belgium	Italy	Sweden
Canada	Netherlands	Switzerland
France	New Zealand	Union of South Africa
Germany	Norway	United Kingdom
Hungary	Poland	U.S.S.R.

Two Member Bodies opposed the approval of the Draft: Brazil, Denmark.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in July 1960, to accept it as an ISO RECOMMENDATION.

ISO Recommendation R 164

ISO/R 164 - 1960 (E)

ERRATA

November 1961

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ERRATA

Page 3, table 2:

add an asterisk after the symbols

A1-Si5 Fe	A1-Si5 Mg Fe	A1-Si5 Cu3 Fe
A1-Si8 Cu3 Fe	A1-Si12 Fe	A1-Si12 Cu Fe

and add the following footnote:

** For pressure die casting.*

Page 4, table 3:

add an asterisk after the symbol

A1-Mg6 Fe

and add the following footnote:

** For pressure die casting.*

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