

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 637

METHODS OF TEST FOR DETERMINING THE MECHANICAL PROPERTIES
OF WELD METAL DEPOSITED BY FILLER RODS FOR GAS WELDING
MILD STEELS AND LOW ALLOY HIGH TENSILE STEELS

1st EDITION
November 1967

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 637, *Methods of Test for Determining the Mechanical Properties of Weld Metal Deposited by Filler Rods for Gas Welding Mild Steels and Low Alloy High Tensile Steels*, was drawn up by Technical Committee ISO/TC 44, *Welding*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question by the Technical Committee began in 1955 and led, in 1958, to the adoption of a Draft ISO Recommendation.

In September 1958, this Draft ISO Recommendation (No. 227) 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	Germany	Poland
Belgium	India	Romania
Bulgaria	Israel	Spain
Burma	Italy	Sweden
Denmark	Japan	Switzerland
Finland	Netherlands	United Kingdom
France	Norway	

Four Member Bodies opposed the approval of the Draft:

Austria
Canada
Republic of South Africa
U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in November 1967, to accept it as an ISO RECOMMENDATION.

FIG. 1 — Method of heat treatment of weld deposit.