

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 404

GENERAL TECHNICAL DELIVERY REQUIREMENTS FOR STEEL

1st EDITION
December 1964

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Printed in Switzerland

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

BRIEF HISTORY

The ISO Recommendation R 404, *General Technical Delivery Requirements for Steel*, was drawn up by Technical Committee ISO/TC 17, *Steel*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question by the Technical Committee began in 1953 and led, in 1962, to the adoption of a Draft ISO Recommendation.

In October 1962, this Draft ISO Recommendation (No. 526) 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	Hungary	Portugal
Austria	India	Romania
Belgium	Iran	Spain
Burma	Ireland	Sweden
Canada	Italy	Switzerland
Chile	Japan	Turkey
Czechoslovakia	Netherlands	U.A.R.
Denmark	New Zealand	United Kingdom
Finland	Norway	U.S.A.
France	Poland	U.S.S.R.
		Yugoslavia

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in December 1964, to accept it as an ISO RECOMMENDATION.

GENERAL TECHNICAL DELIVERY REQUIREMENTS FOR STEEL

1. SCOPE

The general technical delivery requirements stated in this ISO Recommendation apply to crude and wrought semi-finished and finished steel products.

In cases where the product standards provide different requirements, these different requirements should apply.

In special cases, variations to the requirements, as stated in the order, may be agreed.

2. ORDERING

The user should select the grade of steel and the type of product. He may be advised in his selection by the manufacturer who, unless otherwise agreed in the order, is not bound by this advice.

The order should contain all the necessary information. This information is specified

either by reference to a standard, with, if necessary, the variations allowed by the said standard,

or by a precise statement of the characteristics required.

The products may be ordered with or without acceptance tests. All the conditions of inspection or acceptance should be stated in the order by reference either to a standard or to some special agreement.

In the case of a special agreement, the following may be specified:

1. the place of acceptance, in those cases where the tests cannot be made, as is usual, in the works of the manufacturer,
2. if necessary, one of the documents referred to in section 4, which should accompany the consignment,
3. the presence of an inspector in cases where inspection is called for,
4. the division of the consignment into batches for acceptance and the grouping of the remaining batches (see clause 5.2),
5. any special procedure for additional tests where this is different from that referred to in clause 6.5,
6. the methods of analysis to be used when they are not given in the product standard (see clause 7.7),
7. the permissible deviation on chemical analysis (see clauses 7.3 to 7.5),
8. the method of selecting samples and test pieces,
9. the number and the nature of the tests,
10. the test methods,
11. the detection of internal faults by means of special techniques (see clause 8.3),
12. other possible acceptance conditions.