
INTERNATIONAL STANDARD



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Zinc ingots — Selection and preparation of samples for chemical analysis

Zinc en lingots — Prélèvement et préparation des échantillons pour l'analyse chimique

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FOREWORD

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Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3751 was drawn up by Technical Committee ISO/TC 18, *Zinc and zinc alloys*, and was circulated to the Member Bodies in July 1975.

It has been approved by the Member Bodies of the following countries :

Australia	India	South Africa, Rep. of
Austria	Ireland	Spain
Belgium	Japan	Turkey
Bulgaria	Mexico	United Kingdom
Czechoslovakia	Peru	U.S.S.R.
France	Poland	
Germany	Romania	

The Member Body of the following country expressed disapproval of the document on technical grounds :

Canada

Zinc ingots — Selection and preparation of samples for chemical analysis

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the requirements for the selection and preparation of samples for chemical analysis.

It covers only the selection and preparation of samples from zinc ingots. Alternatively, the interested parties may agree to select samples of zinc in the liquid state during production.

2 REFERENCE

ISO/R 752, *Zinc ingots*.

3 SELECTION OF INGOTS

3.1 General

3.1.1 The samples shall be selected from batches, each batch being composed of ingots of the same composition, as specified in 3.1 of ISO/R 752.

3.1.2 Following agreement between the interested parties, each consignment may be divided into a series of batches, provided that they contain not less than 25 t. Any consignment of less than 25 t shall be regarded as a single batch.

3.2 Procedure

3.2.1 From each batch of ingots select, at random, one ingot from every 100 for 99,995 – 99,99 – 99,95 zinc and one ingot from every 50 for 99,5 – 98,5 – 98 zinc. The number of ingots selected shall be not less than five.

NOTE — When the consignment is made up of less than five ingots, all shall be used in making the selection.

3.2.2 Carefully clean the surface of each ingot selected, to remove all dirt. Apply the consignee's mark by means of a die-stamp.