



**SLOVENSKI STANDARD**  
**SIST EN 23954:2000**  
**01-december-2000**

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**Powders for powder metallurgical purposes - Sampling (ISO 3954:1977)**

Powders for powder metallurgical purposes - Sampling (ISO 3954:1977)

Pulver für die Pulvermetallurgie - Probenahme (ISO 3954:1977)

Poudres pour l'emploi en métallurgie des poudres - Echantillonnage (ISO 3954:1977)

**iTeh STANDARD PREVIEW**

**Ta slovenski standard je istoveten z: EN 23954:1993**

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[SIST EN 23954:2000](https://standards.iteh.ai/catalog/standards/sist/e0cbe981-1e5a-43d2-b388-2d7d83c647f0/sist-en-23954-2000)

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**ICS:**

77.160

Metalurgija prahov

Powder metallurgy

**SIST EN 23954:2000**

**en**

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EUROPEAN STANDARD

EN 23954:1993

NORME EUROPÉENNE

CEN/CS MM

EUROPÄISCHE NORM

April 1993

UDC 621.762:669-492.2:620.113

Descriptors: Powder metallurgy, metallic powder, sampling, tests, samplers

English version

**Powders for powder metallurgical purposes -  
Sampling (ISO 3954:1977)**

Poudres pour emploi en métallurgie des poudres  
- Echantillonnage (ISO 3954:1977)

Pulver für die Pulvermetallurgie - Probenahme  
(ISO 3954:1977)

This European Standard was approved by CEN on 1993-04-02. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

In 1992 ISO 3954:1977 "Powders for powder metallurgical purposes - Sampling" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 3954:1977 was submitted to the CEN Formal Vote. The result of the Formal Vote was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the Internal Regulations of CEN/CENELEC, the following countries are bound to implement this European Standard :

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## Endorsement notice

The text of the International Standard ISO 3954:1977 was approved by CEN as a European Standard without any modification.

**NOTE:** The European references to international publications are given in annex ZA (normative).

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**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 78		Layouts for standards	-----	----
ISO 3081		Iron ores - Increment sampling - Manual method	-----	----

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# INTERNATIONAL STANDARD



# 3954

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION · МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ · ORGANISATION INTERNATIONALE DE NORMALISATION

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## Powders for powder metallurgical purposes — Sampling

*Poudres pour emploi en métallurgie des poudres — Échantillonnage*

First edition — 1977-02-15

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[SIST EN 23954:2000](https://standards.iteh.ai/catalog/standards/sist/e0cbe981-1e5a-43d2-b388-2d7d83c647f0/sist-en-23954-2000)

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UDC 621.762 : 669-492.2 : 620.113

Ref. No. ISO 3954-1977 (E)

**Descriptors** : powder metallurgy, metal powder, sampling, tests.

Price based on 5 pages

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

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 3954 was developed by Technical Committee ISO/TC 119, *Powder metallurgical materials and products*, and was circulated to the member bodies in October 1975.

ITeH STANDARD PREVIEW  
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It has been approved by the member bodies of the following countries :

[SIST EN 23954:2000](https://standards.iteh.ai/catalog/standards/sist/e0cbe981-1e5a-43d2-b388-2d7d83c647f0/sist-en-23954-2000)  
<https://standards.iteh.ai/catalog/standards/sist/e0cbe981-1e5a-43d2-b388-2d7d83c647f0/sist-en-23954-2000>

Austria	Japan	Turkey
Canada	Mexico	United Kingdom
Czechoslovakia	Poland	U.S.A.
Egypt, Arab Rep. of	Portugal	U.S.S.R.
France	Romania	Yugoslavia
Germany	Spain	
Italy	Sweden	

No member body expressed disapproval of the document.



# Powders for powder metallurgical purposes – Sampling

## iTeh STANDARD PREVIEW (standards.iteh.ai)

### 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies procedures for the sampling of powders for powder metallurgical purposes. It also covers the splitting of the sample into the quantity required for testing.

### 2 REFERENCES

ISO 78, *Guide on the form for standards for chemical products and for methods of chemical analysis.*

ISO 3081, *Iron ores – Increment sampling – Manual method.*

### 3 DEFINITIONS

The following definitions are in accordance with ISO 3081 and ISO 78.

**3.1 lot :** A quantity of powder processed or produced under conditions which are presumed uniform.

**3.2 increment :** A quantity of powder obtained by a sampling device at one time from a single lot.

**3.3 gross sample :** The quantity of powder consisting of all the increments taken from a single lot.

**3.4 composite sample :** The blended entire gross sample or a representative part thereof. Alternatively it may be obtained by splitting the lot. However it is obtained, it should be thoroughly blended.

**3.5 test sample :** A quantity of powder taken from the composite sample for determining a single property or for preparing the test pieces. It should normally be taken by splitting the composite sample.

**3.5.1 test portion :** A definite quantity of powder drawn from the test sample (or, if both are the same, from the composite sample) and on which the test is carried out.

**3.5.2 test piece :** An object of specified form prepared from a test sample.