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## **Statistical aspects of sampling from bulk materials —**

### **Part 2: Sampling of particulate materials**

*Aspects statistiques de l'échantillonnage des matériaux en vrac —  
Partie 2: Échantillonnage des matériaux particuliers*



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## Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope .....	1
2 Normative references .....	2
3 Terms, definitions and symbols.....	2
4 Applications of bulk material sampling.....	12
5 Principles of sampling .....	13
6 Establishing a sampling scheme .....	23
7 Mass of increment and minimization of bias .....	29
8 Number of increments.....	32
9 Masses of gross samples and sub-lot samples .....	34
10 Mass-basis sampling.....	40
11 Time-basis sampling .....	42
12 Stratified random sampling within fixed mass or time intervals.....	44
13 Mechanical sampling from moving streams.....	44
14 Manual sampling from moving streams.....	50
15 Stopped-belt sampling .....	51
16 Sampling from stationary situations .....	52
17 Principles of sample preparation .....	59
18 Precision of sample preparation.....	67
19 Bias in sample preparation.....	67
20 Preparation of samples for the determination of moisture .....	69
21 Preparation of samples for chemical analysis .....	71
22 Preparation of samples for physical testing.....	72
23 Precision and bias of measurement .....	72
24 Packing and marking of samples.....	73
Annex A (informative) Examples of variance calculations .....	74
Annex B (informative) Mechanical sampling implements.....	79
Annex C (informative) Manual sampling implements form moving streams.....	84
Annex D (informative) Sampling implements for stationary situations.....	86
Annex E (informative) Sample preparation schemes .....	89
Annex F (informative) Particle-size reduction equipment.....	91
Annex G (informative) Examples of mechanical mixers .....	94
Annex H (informative) Mechanical sample dividers .....	96
Annex I (informative) Implements for manual sample division .....	99
Annex J (informative) Examples of riffles.....	101
Bibliography .....	102

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 11648 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 11648-2 was prepared by Technical Committee ISO/TC 69, *Applications of statistical methods*, Subcommittee SC 3, *Application of statistical methods in standardization*.

ISO 11648 consists of the following parts, under the general title *Statistical aspects of sampling from bulk materials*:

- *Part 1: General principles*
- *Part 2: Sampling of particulate materials*

It is the intention of ISO/TC 69/SC 3 to develop additional parts to ISO 11648 to cover the sampling of liquids and gases, if the need exists.

Annexes A to J of this part of ISO 11648 are for information only.

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## Introduction

This part of ISO 11648 gives the basic methods for sampling bulk particulate materials in bulk (e.g. ores, mineral concentrates, coal, industrial chemicals in powder and granular form, and agricultural products such as grain) from moving streams and stationary situations.

Part 1 of ISO 11648 gives a broad outline of the statistical aspects of sampling from bulk materials.