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**Hard coal and coke — Mechanical  
sampling —**

Part 5:

**Coke — Sampling from moving streams**

*Houille et coke — Échantillonnage mécanique —*

*Partie 5: Coke — Échantillonnage en continu*





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# Contents

	Page
<b>Foreword</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Establishing a sampling scheme</b> .....	<b>1</b>
4.1 General.....	1
4.2 Design of the sampling scheme.....	2
4.2.1 Material to be sampled.....	2
4.2.2 Parameters to be determined on samples.....	2
4.2.3 Division of lots.....	2
4.2.4 Basis of sampling.....	2
4.2.5 Precision of sampling.....	3
4.2.6 Bias of sampling.....	3
4.3 Precision of results.....	3
4.3.1 Precision and total variance.....	3
4.3.2 Primary increment variance.....	4
4.3.3 Preparation and testing variance.....	5
4.3.4 Number of sub-lots and number of increments in each sub-lot.....	5
4.4 Minimum mass of sample.....	8
4.5 Mass of primary increment.....	9
4.6 Size analysis.....	10
<b>5 Methods of sampling</b> .....	<b>10</b>
5.1 General.....	10
5.2 Time-basis sampling.....	11
5.2.1 Method of taking primary increments.....	11
5.2.2 Sampling interval.....	11
5.2.3 Mass of increment.....	11
5.3 Stratified random sampling.....	11
5.3.1 General.....	11
5.3.2 Time-basis stratified random sampling.....	12
5.4 Reference sampling.....	12
<b>6 Design of mechanical samplers</b> .....	<b>12</b>
6.1 Safety.....	12
6.2 Sampling System.....	12
6.2.1 General.....	12
6.2.2 Checking for precision and bias.....	13
6.2.3 Operation of sampler.....	13
6.3 Location of sampling equipment.....	13
6.4 General requirements for designing mechanical samplers.....	13
6.5 Design of falling-stream-type samplers.....	14
6.5.1 General.....	14
6.5.2 Cutter velocity.....	16
6.6 Cross-belt-type primary samplers.....	16
6.6.1 Operation.....	16
6.6.2 Design of cross-belt samplers.....	17
6.6.3 Maintenance of sampling equipment.....	18
<b>7 Handling and storage of samples</b> .....	<b>19</b>
<b>8 Sample preparation</b> .....	<b>20</b>
<b>9 Minimization of bias</b> .....	<b>20</b>
9.1 General.....	20
9.2 Spacing of increments.....	20

9.3	Incorrectly extracted increments.....	20
9.4	Preservation of integrity of sample.....	20
9.4.1	General.....	20
9.4.2	Precautions to reduce bias.....	21
<b>10</b>	<b>Verification.....</b>	<b>21</b>
	<b>Bibliography.....</b>	<b>22</b>

## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 27, *Solid mineral fuels*, Subcommittee SC 4, *Sampling*.

This second edition cancels and replaces the first edition (ISO 13909-5:2001), which has been technically revised.

ISO 13909 consists of the following parts, under the general title *Hard coal and coke — Mechanical sampling*:

- *Part 1: General introduction*
- *Part 2: Coal — Sampling from moving streams*
- *Part 3: Coal — Sampling from stationary lots*
- *Part 4: Coal — Preparation of test samples*
- *Part 5: Coke — Sampling from moving streams*
- *Part 6: Coke — Preparation of test samples*
- *Part 7: Methods for determining the precision of sampling, sample preparation and testing*
- *Part 8: Methods of testing for bias*



# Hard coal and coke — Mechanical sampling —

## Part 5: Coke — Sampling from moving streams

### 1 Scope

This part of ISO 13909 specifies procedures and requirements for the design and establishment of sampling schemes for the mechanical sampling of coke from moving streams and the methods of sampling used.

The diversity of types of equipment for sampling and the conditions under which mechanical sampling is performed make it inappropriate to specify standard designs for samplers which will be applicable to all situations.

### 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 13909-1:2016, *Hard coal and coke — Mechanical sampling — Part 1: General introduction*

ISO 13909-6, *Hard coal and coke — Mechanical sampling — Part 6: Coke — Preparation of test samples*

ISO 13909-7, *Hard coal and coke — Mechanical sampling — Part 7: Methods for determining the precision of sampling, sample preparation and testing*

ISO 13909-8, *Hard coal and coke — Mechanical sampling — Part 8: Methods of testing for bias*

ISO 21398, *Hard coal and coke — Guidance to the inspection of mechanical sampling systems*

### 3 Terms and definitions

For the purposes of this part of ISO 13909, the terms and definitions given in ISO 13909-1 apply.

### 4 Establishing a sampling scheme

#### 4.1 General

The general procedure for establishing a sampling scheme is as follows:

- a) define the quality parameters to be determined and the types of samples required;
- b) define the lot;
- c) define the precision required;
- d) determine the method of combining the increments into a sample, or number of sub-lot samples, and the method of sample preparation (see ISO 13909-6);