

# International Standard

ISO 13909-6

Third edition

2025-07

# Coal and coke — Mechanical sampling —

Part 6:

## Preparation of test samples of coke

ISO 13909-6:2025

https://standards.iteh.ai/catalog/standards/iso/b9ff1005-6e79-4c88-be5b-88383b5ec592/iso-13909-6-2025

Reference number ISO 13909-6:2025(en)

# iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 13909-6:2025

https://standards.iteh.ai/catalog/standards/iso/b9ff1005-6e79-4c83-be5b-88383b5ec592/iso-13909-6-2025



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

## ISO 13909-6:2025(en)

Contents			Page		
Fore	eword		v		
Intr	oductio	on	vi		
1	Scor	De	1		
2	-	mative references			
3		Ferms and definitions			
4	Precision of sample preparation				
5	<b>Cons</b> 5.1	stitution of a sample General			
	5.2	Combination of increments			
	5.3	Combination of samples			
6	Divi	sion	3		
	6.1	General			
	6.2	Mechanical methods			
		6.2.1 General			
		6.2.2 Mass of cut			
		6.2.3 Interval between cuts 6.2.4 Division of individual increments			
		6.2.5 Minimum mass of divided increment			
		6.2.6 Division of samples			
	6.3	Manual methods			
		6.3.1 General			
		6.3.2 Riffle method 6.3.3 Flattened-heap method 6.3.3 Flattened-heap method 6.3.3 Riffle method 6.3.3 Riff	15		
		6.3.4 Strip-mixing and splitting method			
7	Preparation of samples for specific tests				
	7.1	Types of test sample			
	7.2	Preparation of samples for determining total moisture	21		
		7.2.1 General <u>ISO 13909-6:2025</u>			
		71212 110004410			
		7.2.3 Wet samples 7.2.4 Reduction of total moisture test sample			
		7.2.4 Reduction of total moisture test sample			
		7.2.6 Determination of total moisture			
		7.2.7 Reserve sample			
	7.3	Preparation of sample for general analysis			
		7.3.1 General			
		7.3.2 Segregation errors (preparation error)			
		7.3.4 Division			
		7.3.5 Preparation errors			
	7.4	Storage	23		
	7.5	Physical test sample			
	7.6	Samples for special properties			
8	Design of equipment for preparation				
	8.1	Dividers			
	8.2	Design of cutters for falling-stream dividers			
		8.2.2 Cutter velocity			
	8.3	Crushers			
		8.3.1 General	25		
	0.4	8.3.2 Examples of crushers			
	8.4	Preparation systems	25		

## ISO 13909-6:2025(en)

8.4.1	General	25	
8.4.2	Design criteria	26	
	Normal operation		
	Abnormal operation		
	Provision for checking for precision		
	Provision for testing for bias		
Rihliogranhy	ŭ	2.5	
KINIINGTANNY			

# iTeh Standards (https://standards.iteh.ai) Document Preview

ISO 13909-6:2025

https://standards.iteh.ai/catalog/standards/iso/b9ff1005-6e79-4c83-be5b-88383b5ec592/iso-13909-6-2025

#### ISO 13909-6:2025(en)

### 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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <a href="https://www.iso.org/patents">www.iso.org/patents</a>. ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 27, Coal and coke, Subcommittee SC 4, Sampling.

This third edition cancels and replaces the second edition (ISO 13909-6:2016), which has been technically revised.

The main changes are as follows:

- the title has been modified and aligned with the rest of the ISO 13909 series;
- the scope has been revised to specifically refer to coke;
- the references have been updated;
- legends for Formulae (1) and (3) have been updated;
- requirements have been specified throughout the document.

A list of all parts in the ISO 13909 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.