



# Sampling of hard coal to ISO 18283/ DIN 51701

One-day expert seminar including an examination

German – English simultaneous interpreting service will be provided.



Authorities (such as the German emissions trading authority DEHSt), national accreditation bodies (e.g. the German accreditation body DAkkS) and clients require that sampling be carried out only by persons who have the necessary **professional competence** to carry out the sampling.

This one-day seminar is designed for samplers wishing to develop the necessary **professional competence**.

After successful examination, participants will be awarded a **certificate of professional competence**.

**Professional qualification** can be proven by qualified training (university studies, etc.) or documented practical experience of many years (at least five years) in combination with successful participation in this training course for samplers.

## Topics covered:

- Why is sampling so important?
- Sampling uncertainty
- ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
- ISO/IEC 17020 Conformity assessment – Requirements for the operation of various types of bodies performing inspection
- Basic knowledge of statistics
- Proficiency tests (round robin tests), interlaboratory comparisons
- Internal audits

## DATE

21 May 2019

10:00 a.m. - 5:00 p.m.

## AGENDA

### ➤ Fundamentals of sampling

- Importance and objectives of sampling
- General requirements for sampling
- Requirements for sampling by testing laboratories accredited to DIN EN ISO/IEC 17025
- Requirements for sampling by inspection bodies accredited to DIN EN ISO/IEC 17020

### ➤ Sampling plan/record

- Structure of the sampling plan
- Additional information and supplements
- Increments, composite samples
- Lots, sublots
- Structure of the sampling record

### ➤ Preparation for sampling

- How to carry out sampling
- Personal protective equipment (PPE)
- Sampling equipment
- Tools and implements
- Sample containers
- Sample size
- Division of samples

### ➤ Treatment of samples

- Laboratory samples
- Transport of samples
- Identification/labelling of samples

### ➤ Consequences of improper sampling

- Risk of damage/consequential costs
- Liability under civil and criminal law



## SPEAKER

Dr. rer. nat. Georg Szczendzina, Expert Office (Herten, Germany)

Dr. Georg Szczendzina is a graduate chemist, sworn commercial chemist, expert and sampler for solid fuels publicly appointed by the Chamber of Commerce and Industry for Northern Westphalia.

He is also an expert authorized to issue of gas-free certificates to ADN No. 7.2.3.7.6, accredited by the Zentralstelle Schiffsunter-suchungskommission/Schiffseichamt (German ship inspection/ gauging office).

He also works as an assessor for DAkKS (German accreditation body), as an accredited expert for accreditations to ISO 17025:2005 by DAkKS Deutsche Akkreditierungsstelle GmbH. Fields of expertise: chemistry, fuels, mineral oil, and sampling and analysis of solid, gaseous and liquid fuels.

## CERTIFICATE ISSUED

**Certificate of professional competence:** The certificate is to be renewed before expiry of 2 years, as the validity period recognized by the supervisory authorities is limited.

## TARGET GROUP

The seminar is designed for employees from the energy, cement and steel industries, who work with authorities, laboratories, test laboratories, inspection bodies, or engineering/consulting firms.

## GENERAL TERMS AND CONDITIONS (SHORT VERSION)

As a registered participant, you will be sent a confirmation of the vent no later than 14 days before the start of the event. The attendance fee is due and payable within 10 days from receipt of the invoice. A handling fee of € 25.00 will be charged if you cancel your registration 14 working days or more before the start of the event. In case of cancellation between 14 and 8 working days before the start of the event, 80 % of the attendance fee is to be paid. In case of cancellation seven days or less before the start of the event, 100 % of the attendance fee and 80 % of the amount for any booked hotel rooms and catering services as shown on the invoice must be paid. Alternatively, you may name a substitute participant at no additional cost. Cancellation must be made in writing; cancellations by telephone will not be accepted. The date of the postmark is the relevant date for cancellation purposes. **DCC GmbH** reserves the right to cancel an event for important reasons such as illness of a speaker at short notice. Errors and changes are reserved.

**The minimum number of participants is 10.** DCC GmbH reserves the right to cancel the event should the minimum number not be reached by the deadline for registration.

## ORGANIZER'S ADDRESS & CONTACT DATA

DCC Delta Coal Control GmbH  
Brandstr. 8  
45701 Herten  
Germany  
Phone: +49 209-1658-9429  
E-mail: info@dcc-germany.org

**Fax: +49 209 1658 9431**  
**(Registration for events hosted**  
**by DCC GmbH)**

## REGISTRATION FORM

**SEMINAR** Sampling of hard coal to ISO 18283/ DIN 51701

### DATE

21.05.2019

### Seminar number

04/19-PN Kohle

### VENUE

**Select Hotel Berlin Spiegelturm**  
**Freiheit 5**  
**13597 Berlin/Germany**

**Hotel telephone number: +49 30 330 98 0**

**E-mail: [empfang.spiegelturm@select-hotels.com](mailto:empfang.spiegelturm@select-hotels.com)**

**Website: <http://spiegelturm.select-hotels.eu/>**

### ATTENDANCE FEE: € 450.00 plus VAT

All participants will be issued a certificate of attendance. The attendance fee includes seminar-related documents, coffee, snacks and refreshments.

### PARTICIPANT DATA private company

Mr./Ms.   Title	
First name	
Last name	
Date/place of birth <sup>1</sup>	
Position in company	
Company name	
Company name (line 2)	
Street	
Post code   City	
Phone	
Fax	
Mobile phone	
E-mail <sup>2</sup>	

<sup>1</sup> required for the certificate

<sup>2</sup> required for efficient correspondence

### INVOICE ADDRESS (IF DIFFERENT)

Company name	
Company name (line 2)	
Send invoice attention of	
Street	
Post code   City	
Phone	
Fax	

By sending us this form you consent to our storage use of your personal data for seminar management purposes.

Place, date

Signature