



# Sampling of solid recovered fuels to EN 15442/LAGA PN 98

One-day expert seminar including an examination

German – English simultaneous interpreting service will be provided.



The new German Landfill Ordinance (DepV) requires that sampling be carried out only by persons who have the necessary **specialist knowledge** ("Fachkunde").

**Specialist knowledge** can be proven by qualified training (university studies, etc.) or documented practical experience of many years, each in combination with **successful** participation in a **course for samplers** to EN 15442/ LAGA PN 98.

For taking samples when delivering waste to landfills it is sufficient for the sampler to show his or her **professional competence** ("Sachkunde").

**Professional competence** can be proven by successful participation in a **course for samplers** to EN 15442/LAGA PN 98.

**Sampling records** may only be signed by persons who have the necessary specialist knowledge. **Sampling records** are to be archived for five years and must be presented to the authorities on request.

For public tendering procedures, it is often also required that a person-related certificate of competence for sampling to EN 15442/LAGA PN 98 is provided.

After successful participation in this **course for samplers** you will be awarded a **certificate of professional competence** to EN 15442/LAGA PN 98 which is valid for 2 years.

## Topics covered:

- Why is sampling so important?
- German Landfill Ordinance DepV 2009/2011
- Sampling uncertainty
- DIN EN 932-1 Test for general properties of aggregates - Part 1: Methods for sampling
- ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
- DIN 19698-1 Guidance for the segmental sampling of stockpiles
- DIN 19698-2 Guidance for the taking of samples for stockpiles for integral characterization
- Basic knowledge of statistics
- Proficiency tests (round robin tests), interlaboratory comparisons
- Internal audits

## DATE

06.06.2018

10:00 a.m. – 5:00 p.m.

## AGENDA

### ➤ Fundamentals of sampling

- Importance and objectives of sampling
- General requirements for sampling
- Sampling of important waste and recyclable materials
- Sampling of contaminated soil

### ➤ Sampling plan/record

- Structure of the sampling plan
- Structure of the sampling record
- Additional information and supplements

### ➤ Preparation for sampling

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

### ➤ Performance of sampling/exercises

- Explanations on the sampling procedure
- Practical drawing up of a sampling record
- Discussion of effort involved in representative sampling
- Practical sampling exercise

### ➤ Treatment of samples

- Preservation of samples
- Transport of samples

### ➤ Consequences of improper sampling

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



## SPEAKER

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

Dr. Georg Szczenzina 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 Schiffsuntersuchungskommission/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** to EN 15442/LAGA PN 98.

The certificate is valid for 2 years.

## TARGET GROUP

The seminar is designed for employees from the waste management sector, working as samplers for authorities, local governments, landfill operators, test laboratories and engineering firms or being in charge of assessing analysis results.

## GENERAL TERMS AND CONDITIONS (SHORT VERSION)

As a registered participant, you will be sent a confirmation of the event 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 solid recovered fuels to  
EN 15442/LAGA PN 98

### DATE

06.06.2018

### Seminar number

01/18-LAGA PN 98

## VENUE

**SORAT Insel-Hotel Regensburg**

Müllerstr. 7

93059 Regensburg, Germany,

Hotel telephone number: +49 941810 40,

E-mail: [regensburg@sorat-hotels.com](mailto:regensburg@sorat-hotels.com)

Website: [www.sorat-hotels.com](http://www.sorat-hotels.com)

## 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