

CERTIFICATE

of Product Conformity (QAL1)

Certificate No.: 0000089098_00

Certified AMS: DX100 for continuous isokinetic sampling

Manufacturer: OPSIS AB
Skytteskogsvägen 16
24466 Furulund
Sweden

Test Institute: TÜV Rheinland Energy & Environment GmbH

**This is to certify that the AMS has been tested
and found to comply with the standards
MCERTS „Performance Standards and Test Procedures for Automatic Isokinetic
Samplers“, Version 3, 2016
as well as
EN 15267-1 (2023) and EN 15267-2 (2023).**

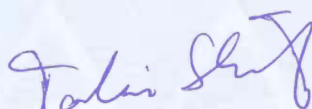
This certification applies to the conditions set out in this certificate and the accompanying
change history document for the device certificate (0000089098)
(this certificate contains 5 pages).



Suitability Tested
Complying with
2008/50/EC
EN 15267
Regular
Surveillance
www.tuv.com
ID 0000089098

This certificate will expire on:
10th May 2031

TÜV Rheinland Energy & Environment GmbH
Cologne, 11th May 2026



Dr. Tobias Schäfer
Local Field Manager



M. Sc. Sebastian Decker
deputy Head of QAL1 Certification Body

QAL1-Certification Body
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Tel. +49 221 806-5200

TÜV Rheinland Energy & Environment GmbH
Am Grauen Stein
51105 Cologne

Test institute accredited to EN ISO/IEC 17065 by DAkkS (German Accreditation Body).
This accreditation is limited to the accreditation scope defined in the enclosure to the certificate D-PL-11120-02-00.

Certificate:
0000089098_00 / 11.05.2026

Test report: 936/21248264/C dated 6 May 2026
Initial certification: 11th May 2026
Expiry date: 10th May 2031
Publication: 11th May 2026, official database www.qal1.de

Approved application:

The tested AMS is suitable for continuous isokinetic sampling.

The suitability of the AMS for these applications was assessed on the basis of a laboratory test.

The notification of suitability of the AMS, performance testing and the uncertainty calculation have been effected on the basis of the regulations applicable at the time of testing. As changes in legal provisions are possible, any potential user should ensure that this AMS is suitable for monitoring the measured values relevant to the application.

Any potential user should ensure, in consultation with the manufacturer, that this AMS is suitable for the intended use.

Basis of the certification

This certification is based on:

- Test report 936/21248264/C dated 6th May 2026 of TÜV Rheinland Energy & Environment GmbH
- Audit report 936/21254422/ dated 4th November 2021 of TÜV Rheinland Energy & Environment GmbH as well as subsequent audit reports.
- Certification decision by the DIN EN ISO/IEC 17065 accredited QAL1-Certification body TÜV Rheinland Energy & Environment GmbH
- Surveillance of the product and the manufacturing process

AMS designation:

DX100 for continuous isokinetic sampling

Manufacturer:

OP SIS AB
Skytteskogsvägen 16
24466 Furulund
Sweden

Field of application:

Measurement at plants requiring official approval according to MCERTS Performance Standards and Test Procedures for Automatic Isokinetic Samplers V3

Measuring ranges during performance testing:

Component	Certification range	Supplementary ranges	Unit
Velocity	2 - 20	2 - 30	m/s

Software versions:

1.0 (Build 16.0)

Restrictions:

None

Notes:

1. The velocity measurement cannot be performed within oversaturated exhaust gas.

Test institute:

TÜV Rheinland Energy & Environment GmbH, Cologne
Report No.: 936/21248264/C dated 6th May 2026

Certificate:
0000089098_00 / 11.05.2026

Certified product

This certificate applies to the continuous isokinetic sampling device that complies with the following description:

The OPSIS DX100 measuring equipment is designed for the isokinetic long-term sampling and is supposed to facilitate the continuous determination of emissions in the waste gas of industrial installations. It extracts a sample of the flue gas on a continuous and isokinetic basis. The Opsis DX100 is fully automated with sampling from 6 hours up to 8 weeks. The system consists of three separate units: the sampling cabinet, the gas conditioning unit and the AC controlled measurement cabinet.

- The sampling cabinet is installed on the stack and contains the sample gas probe. The cabinet also houses the sorbent container in which the component to be sampled is trapped during sampling period.
- The gas conditioner (Opsis designation AS180M) cools the sample gas to 5 °C and removes the condensate with a peristaltic pump. The gas passes through a fine mesh filter and a moisture detector at the gas outlet.
- The measurement cabinet houses all the necessary instruments to measure und regulate the flow through the system.

Certificate:
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General notes

This certificate is based upon the equipment tested. The manufacturer is responsible for ensuring that on-going production complies with the requirements of the EN 15267. The manufacturer is required to maintain an approved quality management system controlling the manufacture of the certified product. Both the product and the quality management systems shall be subject to regular surveillance.

If a product of the current production does not conform to the certified product, TÜV Rheinland Energy & Environment GmbH must be notified at the address given on page 1.

A certification mark with an ID-Number that is specific to the certified product is presented on page 1 of this certificate. This certification mark may be applied to the product or used in advertising materials for the certified product.

This document as well as the certification mark remains property of TÜV Rheinland Energy & Environment GmbH. With revocation of the publication the certificate loses its validity. After the expiration of the certificate and on requests of the TÜV Rheinland Energy GmbH this document shall be returned and the certificate mark must not be employed anymore.

The relevant version of this certificate and its expiration is also accessible on the internet qal1.de.

History of documents

The history of the certified DX100 measuring system from OPSIS AB is based on the change history documents associated with the certificate number, as well as on the regular ongoing monitoring of the manufacturer's quality management system.

Initial certification according to EN 15267

Certificate no. 0000089098_00
Expiry of the certificate: 10th May 2031
Test report: 936/21248264/C dated 6th May 2026 TÜV Rheinland Energy & Environment GmbH
Issue of the certificate: 11th May 2026
Official certificate database: www.qal1.de