PRODUCT CONFORMITY CERTIFICATE

This is to certify that the

D-EMS 2000 Software

Produced by:

DURAG data systems GmbH

Kollaustrasse 105
22453
Hamburg
Germany
D-22453

has been assessed by Sira Certification Service
and for the conditions stated on this certificate complies with:

**MCERTS Performance Standards and Test Procedures for
Environmental Data Management Software, Version 2, (September 2011)
in respect of:**

Part A - Generic Software Quality
Part B - Data Management General Aspects
Part C1 – CEMS data management applications – Generic Requirements
Part C2 - CEMS Data Management Applications - EN14181 Requirements

Project No:	16S28190
Certificate No:	Sira MC140247/00
Initial Certification:	04 March 2014
This Certificate Issued:	04 March 2014
Renewal Date:	03 March 2019

Technical Director

MCERTS is operated on behalf of the Environment Agency by

Sira Certification Service

12 Acorn Industrial Park, Crayford Road, Crayford
Dartford, Kent, UK DA1 4AL
Tel: +44 (0)1322 520500   Fax: +44 (0)1322 520501

Approved Site Application

Any potential user of the certified software should:

1) Ensure that it is suitable for the platform on which it will be installed (if necessary in consultation with the software producer)

2) Ensure that the selection and operation of the software is appropriate to the application

Basis of Certification

This certification is based on the following Test Report(s) and on Sira's assessment and ongoing surveillance of the product and the manufacturing process:

- Sira report ref: 16S28190 Durag Data Systems GmbH D-EMS 2000 Emissions Monitoring Software MCERTS Main Assessment Report dated 20th June 2013

Product Certified

Product	Version	Remarks
D-EMS 2000 Software	4.5	Later minor changes to the certified version are permitted in accordance with the conditions of the standard. Please note, the most recent version number of the D-EMS 2000 software and the D-DAS 2010 software shall always be the same.

Software Modifications

In the event of a major release the developer shall provide brief supporting evidence to the Certification Body who will advise whether recertification is necessary.

Certificate No: Sira MC140247/00
This Certificate Issued: 04 March 2014
This certificate may only be reproduced in its entirety and without change
To authenticate the validity of this certificate please see www.siraenvironmental.com
Page 2 of 4

Certified Performance

The application is able to perform the following tasks:

- Gathers and stores data from up to 320 analogue / 640 binary I/O's with a scan rate of 1s and integrates them according to legal requirements
- Evaluates and validates collected data for compliance in accordance with legal requirements and regulations
- Menu-driven GUI for the presentation of current, prognostic and historic data as bar-graph, line-diagram or chart.
- Alarm and information system with comment, eMail/ SMS functionality.
- Automatic/ manual acquisition of QAL3 data to generate Shewhart or CUSUM charts as specified in EN14181.
- Reports are fully customizable to match legal requirements as well as customer permits and site requirements.
- Free customizable screen masks, time diagrams and reports on customer request
- Automatic data transfer to any web server in the Internet/ Intranet for visualisation and provision of relevant data to any person in charge, authority or public.

Certificate No: Sira MC140247/00
This Certificate Issued: 04 March 2014
This certificate may only be reproduced in its entirety and without change
To authenticate the validity of this certificate please see www.siraenvironmental.com
Page 3 of 4

Description:

The D-EMS 2000 is an Environmental and Process Data Management System which corresponds to today's legal requirements and is conceptually prepared for future guidelines. The system enables the collection, calculation, long-term storage and visualization of environmental data of most diverse areas.

The software components are MCERTS and EN15257 (QAL1) certified and fulfils the European Industrial Emissions Directive 2010/75/EC as well as the European Standard EN 14181, US EPA and other national requirements.

The complete system operates under Windows and is available in 18 languages.

It is network compatible and has all features of a modern software product able to communicate.

The system is modular structured and offers the possibility of implementing most diverse user specific solutions. It is applicable therefore not only for complex systems but also for the smaller ones.

All calculations, storage and display are performed on the server of the D-EMS 2000 System. Additional workstations or clients can be connected via network with diverse functions.

On the server all emission data is calculated, normalized and integrated according to the European and/or local guidelines for emission monitoring and stored on the hard disks. Depending on the installation, all minute values, all (half) hourly averages and daily averages of several years are stored and can be shown in bar graphs, time chart diagrams or as simple logs.

General Notes

1. This certificate is based upon the equipment tested. The Manufacturer is responsible for ensuring that on-going production complies with the standard(s) and performance criteria defined in this Certificate. 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 system shall be subject to regular surveillance according to 'Regulations Applicable to the Holders of Sira Certificates'. The design of the product certified is defined in the Sira Design Schedule for certificate No. Sira MC140247/00

2. If certified product is found not to comply, Sira Certification Service should be notified immediately at the address shown on this certificate.

3. The Certification Marks that can be applied to the product or used in publicity material are defined in 'Regulations Applicable to the Holders of Sira Certificates'.

4. This document remains the property of Sira and shall be returned when requested by the company.

Certificate No: Sira MC140247/00
This Certificate Issued: 04 March 2014
This certificate may only be reproduced in its entirety and without change
To authenticate the validity of this certificate please see www.siraenvironmental.com
Page 4 of 4