

PRODUCT CONFORMITY CERTIFICATE

This is to certify that the

CEMView 4.0

Data Acquisition System for Continuous Emissions Monitoring

Manufactured by:

Nexus Solutions Inc

1828 Blue Heron Drive
Unit 36
London, ON
N6H0B7
Canada

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 3, (November 2015)
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. : 16S23980 / 70097107
Certificate No : Sira MC110188/01
Initial Certification : 25 March 2011
This Certificate issued : 08 February 2017
Renewal Date : 24 March 2021

Joe Prince MSc, MInst MC
Deputy Certification Manager

MCERTS is operated on behalf of the Environment Agency by

Sira Certification Service

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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:

- Nexus Solutions Inc Assessment Report, Issue 1.0, 28th February 2011 carried out under Sira project reference 16S23980 and assessments reports referred to therein
- Nexus Solutions Inc Assessment Report, Issue 1.0, 18th January 2017 carried out under Sira project reference 70097107 and assessments reports referred to therein

Product Certified

Product	Version	Remarks
CEMView	4.0	<p>Later minor changes to the certified version are permitted in accordance with the conditions of the standard.</p> <p>This software includes the following:</p> <ul style="list-style-type: none"> • CEMView Data acquisition and logging, which include; CEMView DAS, Calculation Engine, Reporting and Configuration facilities and all relevant OPC servers <p>The following are not covered by the scope of certification; CEMCore-Enterprise and CEMView Data loggers, Audit and Test (which include; Gas Auditor, Stack Tester), and Process control (which include Boolean Server, Calculation processor).</p>

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.

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Certified Performance

The application is able to perform the following tasks:

- CEMView can run automated or manual EN14181 - QAL3 tests, generating Shewhart, Cusum or EWMA reports afterwards (as stated in the standard clause C2.1)
- CEMView allows two copies to be setup in a dual redundant configuration.
- CEMView allows users to create standard format reports or trends of historical data. Reports can be saved to PDF format or exported as a comma separated text file.
- CEMView performs calculations in accordance with EN14181 (as stated in the standard clause C2.2)
- Standard QAL 2 distribution and EA monthly reports can be generated (as stated in the standard clause C3.3)
- Custom Reports allow specific reports to be created to match users permit requirements

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Description

CEMView is a modular Data Acquisition System designed to meet the EN-14181 compliance and MCERTS certified Environmental Data Management Software requirements for Environmental and Continuous Emissions Monitoring reporting systems.

OPC is open connectivity via open standards. Built into the core of CEMView are the OPC specification standards that facilitate seamless integration of CEMView with a plant's Process Control system.

CEMView is able to interface and communicate directly with emission analysis instruments, greatly reducing wiring costs and significantly increasing the end user's ability to maintain and diagnose problems with the instruments.

CEMView's use of open standards and technologies to create an advanced distributed client-server architecture application ensures flexibility and uncompromised performance. It can be custom tailored to meet all regulatory compliance reporting requirements.

With CEMView. Know what. Know when. Know why. All the time...

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 V00 for certificate No. Sira MC110188/01
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.

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