

MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



MCERTS standards may not cover all possible stack conditions. Any potential user should ensure, in consultation with the manufacturer, that the CEMS is suitable for the process on which it will be installed. It is important to refer to the details on certificates issued as they may contain specific limitations on use. The certificate holders listed have submitted satisfactory test reports and successfully undergone a product manufacturing audit.

Ranges can indicate the suitability of CEMS for a particular application. In general, CEMS with a lower certified range not only indicate suitability for applications with low emissions limit values, but typically perform at least as well for higher ranges too. Some manufacturers have had two ranges tested as further assurance of suitability for a wider spectrum of applications.

If CEMS with higher monitoring ranges are to be used for applications with low emissions limit values, then the prospective user is advised to seek assurance that the systems also perform well at lower ranges.

Transportable Systems: Transportable monitoring systems are variants of CEMs and designed to perform to the same high standards as required for CEMs. These transportable monitoring systems are suitable for measuring emissions close to emission limit values, verifying and calibrating CEMs, and are typically designed to meet or exceed the uncertainty requirements specified in the Industrial Emissions Directive. The specifications for these systems, referred to as transportable systems are included in Annex F of the CEMS MCERTS performance standard.

Certificate holder	Model	Certified range	Standard	Certificate No.
ABB Ltd Tel. +44 (0)1453 826661	Endura AZ20 / AZ30 measuring systems	O ₂ 0 to 25 %vol O ₂ 0 to 5 %vol	MCERTS Performance Standard V3.3 dated January 2011 EN15267 QAL 1	Sira MC 110191/02
ABB Ltd Tel. +44 (0)1946 830611	StackFlowMaster System	Gas velocity 2 to 25 m/s 2 to 35 m/s	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 130222/03
ABB Automation Products Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000-Multi-FID14	TOC 0 to 15mg C/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 030015/07



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
ABB Automation Products Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	Advance CEMAS FTIR – NT (ACF-NT)	CO 0 to 75 mg/m ³ CO 0 to 300 mg/m ³ NO 0 to 200 mg/m ³ NO 0 to 400 mg/m ³ SO ₂ 0 to 75 mg/m ³ SO ₂ 0 to 300 mg/m ³ HCl 0 to 15 mg/m ³ NH ₃ 0 to 15 mg/m ³ H ₂ O 0 to 40 %vol HF 0 to 5 mg/m ³ HF 0 to 10 mg/m ³ O ₂ 0 to 25 %vol O ₂ 0 to 12 %vol O ₂ 0 to 6 %vol TOC 0 to 15 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 030016/09
ABB Automation Products Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000-Limas11 UV	SO ₂ 0 to 75 mg/m ³ NO 0 to 33.5 mg/m ³ NO 0 to 200 mg/m ³ NOx 0 to 50 mg/m ³ NOx 0 to 300 mg/m ³ NOx 0 to 125 mg/m ³ O ₂ 0 to 10 %vol O ₂ 0 to 25 %vol (NOx expressed as NO ₂)	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 030017/11
ABB Automation Products Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000 Series Multigas Analysers with SCC-K NO/NO ₂ converter Including: - Uras26 - Magnos206 - El. Sensor	CO 0 to 75 mg/m ³ 0 to 4000 mg/m ³ NO 0 to 100 mg/m ³ 0 to 5000 mg/m ³ NOx 0 to 150 mg/m ³ 0 to 7500 mg/m ³ SO ₂ 0 to 75 mg/m ³ 0 to 8000 mg/m ³ N ₂ O 0 to 100 mg/m ³ 0 to 6700 mg/m ³ CO ₂ 0 to 20%vol O ₂ 0 to 10%vol 0 to 25%vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 080121/11



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
ABB Automation Products Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	EL3000 Series Multigas Analysers with SCC-K NO/NO ₂ converter Including: - Uras26 - Magnos206 - El. Sensor	CO 0 to 150 mg/m ³ 0 to 4000 mg/m ³ NO 0 to 100 mg/m ³ 0 to 5000 mg/m ³ NOx 0 to 150 mg/m ³ 0 to 7500 mg/m ³ SO ₂ 0 to 300 mg/m ³ 0 to 8000 mg/m ³ N ₂ O 0 to 100 mg/m ³ 0 to 6700 mg/m ³ CO ₂ 0 to 20%vol O ₂ 0 to 10%vol 0 to 25%vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 080122/11
AMETEK Process Instruments Tel: 403-235-8440 Email: Dale.Divel@Ametek.com	Model 909, 910, 919, 920 Single and Multi Gas CEMS	NO ₂ 0-750 ppm (0-1500 ppm) NO 0-500 ppm (0-1000 ppm) SO ₂ 0-200 ppm (0-1000 ppm)	MCERTS Performance Standard V3.2 dated August 2010 EN15267 QAL 1	Sira MC100183/02
Babcock & Wilcox Company (Formally GE Energy Services) Tel: 001-215-996-9200 Fax: 001-215-996-9201	Babcock & Wilcox Model 2008-1 CEMS (EN 15267-3 Standard) & Babcock & Wilcox Stack Flow Monitor Model 110	CO 0 to 25 ppm (0 to 31 mg/m ³) 0 to 1500 ppm (0 to 1875 mg/m ³) NO/NOx 0 to 20 ppm (0 to 27 mg/m ³) 0 to 500 ppm (0 to 670 mg/m ³) SO ₂ 0 to 100 ppm (0 to 286 mg/m ³) 0 to 300 ppm (0 to 858 mg/m ³) CO ₂ 0 to 25 vol% O ₂ (dry) 0 to 25 vol% Flow 0 to 40 ft/s (0 to 12 m/s)	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090160/03



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Dr. Födisch Umweltmesstechnik AG Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: info@foedisch.de	MCA 04 Multi Component Analyser	CO 0 to 75 mg/m ³ 0 to 300 mg/m ³ NO 0 to 200 mg/m ³ 0 to 395 mg/m ³ SO ₂ 0 to 75 mg/m ³ 0 to 300 mg/m ³ HCl 0 to 15 mg/m ³ 0 to 90 mg/m ³ NH ₃ 0 to 30 mg/m ³ 0 to 75 mg/m ³ NO ₂ 0 to 50 mg/m ³ 0 to 1000 mg/m ³ N ₂ O 0 to 50 mg/m ³ 0 to 1000 mg/m ³ H ₂ O 0 to 40%vol CO ₂ 0 to 20%vol O ₂ 0 to 25%vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 070115/01
Dr. Födisch Umweltmesstechnik AG Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: info@foedisch.de	MCA 10 Multi Component Analyser	CO 0 to 75 mg/m ³ 0 to 300 mg/m ³ 0 to 5000 mg/m ³ NO 0 to 200 mg/m ³ 0 to 400 mg/m ³ 0 to 3000 mg/m ³ NO ₂ 0 to 50 mg/m ³ 0 to 500 mg/m ³ N ₂ O 0 to 50 mg/m ³ 0 to 3000 mg/m ³ SO ₂ 0 to 75 mg/m ³ 0 to 300 mg/m ³ 0 to 2500 mg/m ³ HCl 0 to 15 mg/m ³ 0 to 90 mg/m ³ 0 to 5000 mg/m ³ NH ₃ 0 to 10 mg/m ³ 0 to 50 mg/m ³ 0 to 500 mg/m ³ CH ₄ 0 to 50 mg/m ³ 0 to 500 mg/m ³ HF 0 to 20 mg/m ³ TOC 0 to 15 mg/m ³ 0 to 30 mg/m ³ CO ₂ 0 to 25 %vol 0 to 50 %vol O ₂ 0 to 25 %vol H ₂ O 0 to 40 %vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 140256/02



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
DURAG GmbH Tel: +49 (0)40554218-0	D-FL 100 Flow Monitor	Gas Velocity 3 to 30 m/s 3 to 50 m/s	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 060071/02
DURAG GmbH Tel: +49 (0)40554218-0	D-FL 200 Flow Monitor	Gas Velocity 0 to 16 m/s to 0 to 30 m/s	MCERTS Performance Standard V2.1 dated April 2003	Sira MC 060072/01
DURAG GmbH Tel: +49 (0)40554218-0	D-FL 220 Flow Monitor	Waste gas velocity 0 to 30 m/s	MCERTS Performance Standard V3.4 dated January 2011 EN15267 QAL 1	Sira MC 140252/00
DURAG GmbH Tel: +49 (0)40554218-0	DR 290 Opacity & Dust Concentration Monitor	Dust (optical transmission) 0 to 15 mg/m ³ ≡ 0 - 0.1 Abs. 0 – 0.2 Abs. 0 – 0.5 Abs. 0 – 1.6 Abs. 0 – 100% Opacity	MCERTS Performance Standard V3.3 dated January 2011 EN15267 QAL 1	Sira MC 060073/02
DURAG GmbH Tel: +49 (0)40554218-0	DR 300-40 Dust Concentration Monitor	Particulate concentration 0 to 3 mg/m ³ 0 to 15 mg/m ³ 0 to 34 mg/m ³ 0 to 77 mg/m ³	MCERTS Performance Standard V3.3 dated January 2011	Sira MC 060074/02



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
DURAG GmbH Tel: +49 (0)40554218-0	D-R 320 particulate analyser	Dust 0 to 7.5 mg/m ³ 0 to 500 SL 0 to 1,000 SL 0 to 4,000 SL 0 to 20,000 SL 0 to 100 SL	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 140253/00
DURAG GmbH Tel: +49 (0)40554218-0	HM 1400 TRX Mercury Analyser	Hg 0 to 45 µg/m ³ 0 to 75 µg/m ³	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 120193/02
DURAG GmbH Tel: +49 (0)40554218-0	D-R 800 Dust Concentration Monitor	Particulate Concentration 0 to 15 mg/m ³ 0 to 100% T (Ref.)	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 080123/02
DURAG GmbH Tel: +49 (0)40554218-0	D-R 820F extractive dust monitor	Particulate Concentration 0 to 15 mg/m ³ 0 to 100 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 120204/00
DURAG GmbH Tel: +49 (0)40554218-0	D-RX 250 Measuring System	Dust 0 to 15 mg/m ³ Velocity 3 to 30 m/s	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 150258/01



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Eco Physics AG International Sales: Tel: +41 552 202 222 UK Sales: Tel: 01992 534643	Eco Physics CLD 82Mh & 822Mh chemiluminescence NO/NOx analyser	NO/NOx 0 to 90mg/m ³ 0 to 200mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090139/02
Emerson Process Management Rosemount analytical, Inc. UK Sales: Tel: +44(0)870 240 1978	Oxymitter 4000 Oxygen Analyser (with operator interface LOI)	O ₂ 0 to 25% vol	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 070087/03
Emerson Process Management Rosemount analytical, Inc. UK Sales: Tel: +44(0)870 240 1978	X-STREAM O ₂ Combustion Flue Gas Transmitter With XI Interface	O ₂ 0 to 25% vol	MCERTS Performance Standard V3.1 dated July 2008 EN15267 QAL 1	Sira MC 090156/00
Emerson Process Management Rosemount analytical, Inc. UK Sales: Tel: +44(0)870 240 1978	Model 6888A Oxygen Analyser	O ₂ 0 to 25% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 140270/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Emerson Process Management Manufacturing GmbH & Co. OHG International Sales: Tel: +49 (6055) 884230 UK Sales: Tel: 01243 845226	NGA 2000 MLT3/4 measuring system	CO 0 to 75 mg/m ³ 0 to 2000 mg/m ³ SO ₂ 0 to 120 mg/m ³ 0 to 2500 mg/m ³ NO 0 to 200 mg/m ³ 0 to 2000 mg/m ³ NO ₂ 0 to 50 mg/m ³ 0 to 1000 mg/m ³ O ₂ 0 to 25% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 150257/00
Emerson Process Management Manufacturing GmbH & Co. OHG International Sales: Tel: +49 (6055) 884230 UK Sales: Tel: 01243 845226	NGA 2000 CLD measuring system	NO 0 to 134 mg/m ³ 0 to 669 mg/m ³ NO ₂ 0 to 205 mg/m ³ 0 to 1026 mg/m ³ (Expressed as NO ₂)	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 150262/00
Environnement SA Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	MIR9000 Multi-gas Analyser Type 2 SEC Probe & MIR9000 CLD option Type 2 SEC Probe MDS (Module Dryer System)	SO ₂ 0 to 75 mg/m ³ SO ₂ 0 to 200 mg/m ³ CO 0 to 75 mg/m ³ CO 0 to 500 mg/m ³ CO ₂ 0 to 25 % vol HCl 0 to 15 mg/m ³ HCl 0 to 100 mg/m ³ NO 0 to 100 mg/m ³ NO 0 to 500 mg/m ³ N ₂ O 0 to 20 mg/m ³ N ₂ O 0 to 200 mg/m ³ O ₂ 0 to 10 % vol O ₂ 0 to 25 % vol CH ₄ 0 to 10 mg/m ³ CH ₄ 0 to 200 mg/m ³ NO/NOx(CLD) 0 to 20mg/m ³ NO/NOx(CLD) 0 to 2000mg/m ³ NO ₂ (CLD) 0 to 20mg/m ³ NO ₂ (CLD) 0 to 2000 mg/m ³	MCERTS Performance Standard V3.3 dated January 2011 EN15267 QAL 1	Sira MC 020010/09



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Environnement SA Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	MIR-IS Multi-gas analyser	SO ₂ 0 to 75 mg/m ³ SO ₂ 0 to 200 mg/m ³ CO 0 to 75 mg/m ³ CO 0 to 500 mg/m ³ CO ₂ 0 to 25 % vol HCl 0 to 15 mg/m ³ HCl 0 to 100 mg/m ³ NO 0 to 100 mg/m ³ NO 0 to 500 mg/m ³ N ₂ O 0 to 20 mg/m ³ N ₂ O 0 to 200 mg/m ³ O ₂ 0 to 10 % vol O ₂ 0 to 25 % vol CH ₄ 0 to 10 mg/m ³ CH ₄ 0 to 200 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040030/08
Environnement SA Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	MIR-FT Multi-gas analyser	CO 0 to 75 mg/m ³ CO 0 to 300 mg/m ³ SO ₂ 0 to 75 mg/m ³ SO ₂ 0 to 500 mg/m ³ HCl 0 to 15 mg/m ³ HCl 0 to 90 mg/m ³ NO 0 to 200 mg/m ³ NO 0 to 600 mg/m ³ NO ₂ 0 to 200 mg/m ³ N ₂ O 0 to 100 mg/m ³ NH ₃ 0 to 15 mg/m ³ CO ₂ 0 to 25% vol O ₂ 0 to 25% vol H ₂ O 0 to 30% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040031/07
Environnement SA International Sales: Tel: +49 6196 936223 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	AMESA Continuous Isokinetic Dioxin Sampling System	Isokinetic sampling velocity: 2 to 20 m/s	MCERTS Performance Standard for Isokinetic Samplers V2 dated September 2005	Sira MC 050064/04



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Environnement SA Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	Graphite 52M FID analyser	TOC 0 to 15 mg/m ³ TOC 0 to 500 mg/m ³	MCERTS Performance Standard V3.3 dated January 2011	Sira MC 060082/08
Environnement SA International Sales: Tel: +49 6196 936223 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 www.cbiss.com	AMESA D Continuous Isokinetic Dioxin Sampling System	Isokinetic sampling velocity: 1.1 to 30 m/s	MCERTS Performance Standard for Isokinetic Samplers V2.1 dated September 2011	Sira MC 120194/00
Fuji Electric Co Ltd DRM Technic Ltd Tel: +44 (0)1782 599313	ZRE and ZRE/ZFK7 for CO, NO, SO ₂ and O ₂	CO 0 to 125 mg/m ³ 0 to 1250 mg/m ³ NO 0 to 268 mg/m ³ 0 to 2680 mg/m ³ SO ₂ 0 to 571 mg/m ³ 0 to 5710 mg/m ³ O ₂ 0 to 25%vol 0 to 10%vol	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 130224/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Gasmet Technologies OY Tel: +358 (0)9 7590 0400 Fax: +358 (0)9 7590 0435 www.gasmet.fi Quantitech Tel: +44 (0)1908 227722	GASMET Multi-gas analyser CX4000 with Oxitec 500 E SME 5 Oxygen analyser, DX4000 & EN4000 Multi-gas analyser	CO 0 to 75 mg/m ³ 0 to 300 mg/m ³ 0 to 1500 mg/m ³ NO 0 to 200 mg/m ³ 0 to 600 mg/m ³ 0 to 2000mg/m ³ H ₂ O 0 to 30 %vol 0 to 40 %vol SO ₂ 0 to 75 mg/m ³ 0 to 300 mg/m ³ 0 to 1500 mg/m ³ HCl 0 to 15 mg/m ³ 0 to 90 mg/m ³ NH ₃ 0 to 15 mg/m ³ 0 to 50 mg/m ³ NO ₂ 0 to 200 mg/m ³ 0 to 500 mg/m ³ N ₂ O 0 to 100 mg/m ³ 0 to 500 mg/m ³ CO ₂ 0 to 25%vol O ₂ 0 to 25%vol HF 0 to 3 mg/m ³ 0 to 10 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 030014/07
HORIBA Europe GmbH Horiba UK Ltd Tel: +44 (0)1604 542500	ENDA-5000 Series Stack Gas Analysis System	CO 0 to 50 mg/m ³ 0 to 500 mg/m ³ NO _x 0 to 100 mg/m ³ 0 to 1000 mg/m ³ SO ₂ 0 to 75 mg/m ³ 0 to 750 mg/m ³ CO ₂ 0 to 20 Vol.-% O ₂ 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 120212/00
HORIBA Europe GmbH Quantitech Tel: +44 (0)1908 227722 Horiba UK Ltd Tel: +44 (0)1604 542500	PG 250 SRM Portable Gas Analyser	CO 0 to 75 mg/m ³ NO _x 0 to 130 mg/m ³ as NO NO _x 0 to 200 mg/m ³ as NO ₂ SO ₂ 0 to 460 mg/m ³ CO ₂ 0 to 20 % vol O ₂ 0 to 25 % vol	MCERTS Performance Standard V3.4 dated July 2012 Annex F - Transportable Systems	Sira MC 110186/03



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
HORIBA Europe GmbH Horiba UK Ltd Tel: +44 (0)1604 542500	PG 350E Multi-component Gas Analyser	CO 0 to 75 mg/m ³ NO _x 0 to 134 mg/m ³ SO ₂ 0 to 143 mg/m ³ CO ₂ 0 to 20 Vol.-% O ₂ 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012 Annex F - Transportable Systems	Sira MC 130223/01
Kittiwake Procal Ltd Tel: +44 (0)1733 232495	Procal 2000 Series Continuous Emission Monitor with ACU Mk3 Control Unit	CO 0 to 150 ppm 0 to 3500 ppm SO ₂ 0 to 150 ppm 0 to 1500 ppm NO ₂ 0 to 200 ppm 0 to 5000 ppm NO 0 to 240 ppm 0 to 1500 ppm N ₂ O 0 to 300 ppm 0 to 5000 ppm CO ₂ 0 to 15 Vol.% 0 to 25 Vol.% H ₂ O 0 to 30 Vol.%	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 990006/12
Kittiwake Procal Ltd Tel: +44 (0)1733 232495	Procal 2000 Series Continuous Emission Monitor with Procal 1000 Control Unit	CO 0 to 150 ppm 0 to 3500 ppm SO ₂ 0 to 150 ppm 0 to 1500 ppm NO ₂ 0 to 200 ppm 0 to 5000 ppm NO 0 to 240 ppm 0 to 1500 ppm N ₂ O 0 to 300 ppm 0 to 5000 ppm CO ₂ 0 to 15 Vol.% 0 to 25 Vol.% H ₂ O 0 to 30 Vol.%	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 050060/10
Kurz Instruments Inc. Tel: +1 831-646-5911	K-BAR 2000B Measuring System	Velocity 0 to 30m/s	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 150275/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Land Instruments International Ltd Tel: +44 (0)1246 417691	4500 MKIII Dust Monitor	Dust 0 to 0.2 0 to 0.1 0 to 0.4 0 to 1.2	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 150274/00
MKS Instruments Inc. Tel: +1 978 645 5500 www.mksinst.com Waverton Analytics Ltd Tel: +44 (0)1246 417691	MGS300 Continuous Emissions Monitoring System	CO 0 to 75 mg/m ³ 0 to 1500 mg/m ³ CH ₄ 0 to 15 mg/m ³ 0 to 500 mg/m ³ HCL 0 to 15 mg/m ³ 0 to 200 mg/m ³ N ₂ O 0 to 50 mg/m ³ 0 to 500 mg/m ³ NO 0 to 200 mg/m ³ 0 to 1500 mg/m ³ NO ₂ 0 to 50 mg/m ³ 0 to 1000 mg/m ³ SO ₂ 0 to 75 mg/m ³ 0 to 2000 mg/m ³ HF 0 to 3 mg/m ³ 0 to 10 mg/m ³ NH ₃ 0 to 10 mg/m ³ 0 to 75 mg/m ³ CO ₂ 0 to 75 Vol.-% H ₂ O 0 to 40 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 130234/01
Monitoring Systems GmbH International Sales: Tel: +43 66425 27239 UK Sales: Tel: 01525 862969	Continuous Isokinetic Dioxin Sampling System DioxinMonitoringSyst ems Model G20	Isokinetic sampling velocity 2 to 20 m/s	MCERTS Performance Standard for Isokinetic Samplers V2 dated September 2005	Sira MC 050065/07



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
NEO Monitors AS Tel: +47 67 97 47 00 www.neomonitors.com	LaserGas Monitor HCl	HCl 0 to 15 mg/m ³ HCl 0 to 90 mg/m ³	MCERTS Performance Standard V2.1 dated April 2003	Sira MC 060086/00
NEO Monitors AS Tel: +47 67 97 47 00 www.neomonitors.com	LaserGas II Monitor	HCl 0 to 15 mg/m ³ 0 to 90 mg/m ³ H ₂ O 0 to 40% vol 0 to 30% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 120206/00
NEO Monitors AS Tel: +47 67 97 47 00 www.neomonitors.com	LaserGas II Monitor	HF 0 to 1 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 140244/01
NEO Monitors AS Tel: +47 67 97 47 00 www.neomonitors.com	LaserGas II Monitor	NH ₃ 0 to 10 mg/m ³ 0 to 15 mg/m ³ H ₂ O 0 to 40% vol 0 to 30% vol 0 to 50% vol	MCERTS Performance Standard V3.1 dated July 2008 EN15267 QAL 1	Sira MC 100162/01
Opsis AB Tel: +46 (0)4672 2500	AR 602Z (UV) AR 650 (IR) Used either independently or in combination	CO 0 to 75 mg/m ³ HCl 0 to 15 mg/m ³ H ₂ O 0 to 30 %vol. HF 0 to 5 mg/m ³ SO ₂ 0 to 75 mg/m ³ NO ₂ 0 to 20 mg/m ³ NH ₃ 0 to 20 mg/m ³ NO 0 to 150 mg/m ³ Formaldehyde 0 to 20 mg/m ³ Phenol 0 to 20 mg/m ³ H ₂ O 0 to 30 mg/m ³	MCERTS Performance Standard V3.3 dated January 2011	Sira MC 020011/06



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Opsis AB Tel: +46 (0)4672 2500	AR 602Z/Hg	Hg 0 to 45 $\mu\text{g}/\text{m}^3$ 0 to 100 $\mu\text{g}/\text{m}^3$	MCERTS Performance Standard V3.4 dated July 2012	Sira MC 120201/00
Opsis AB Tel: +46 (0)4672 2500	02000 Oxygen analyser	O ₂ 0 to 25%vol	MCERTS Performance Standard V3.3 dated January 2011	Sira MC 020012/04
PCME Tel: +44 (0)1480 468200	PCME QAL 181 Particulate Analyser (previously LMS 181) including PCME QAL 181 SEN Sensor	Particulates: 0 to 15 mgm^{-3} 0 to 100 mgm^{-3}	MCERTS Performance Standard V3.1 dated July 2008 EN15267 QAL 1	Sira MC 090152/01
PCME Tel: +44 (0)1480 468200	PCME QAL 991 Particulate Monitor and Sensor (Previously named DT-991)	Particulates: 0 to 15 mgm^{-3}	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 050066/06
PCME Tel: +44 (0)1480 468200	Model PCME STACK 980 Particulate Measurement System Model 980 stainless steel sensor Model 980 insulated sensor	Particulates: 0 to 15 mgm^{-3}	MCERTS Performance Standards for Automated Dust Arrestment- Plant Monitors, V1, August 2010	Sira MC 110187/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
PCME Tel: +44 (0)1480 468200	PCME STACKFLØW 400	Velocity: 0 to 30m/s	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 150273/00
Servomex Group Ltd Tel: +44 (0)1892 652181	Servomex 4900 Multi gas analyser	SO ₂ 0 to 572 mg/m ³ NO 0 to 268 mg/m ³ CO 0 to 75 mg/m ³ O ₂ 0 to 25%vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 030013/10 Please note, the N ₂ O certification is only valid on instruments sold before 10/06/2009. Please see certificate Sira MC 030013/03 for reference.
Servomex Group Ltd Tel: +44 (0)1892 652181	SERVOFLEX MiniMP (5200MP) Portable Analyser	O ₂ 0 to 25 %vol	MCERTS Performance Standard V3.4 dated July 2012 Annex F - Transportable Systems	Sira MC 110190/03
Servomex Group Ltd Tel: +44 (0)1892 652181	SERVOTOUGH LaserSP Model 2930	NH ₃ 0 to 10 mg/m ³ 0 to 15 mg/m ³ H ₂ O 0 to 40% vol 0 to 30% vol 0 to 50% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 120205/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	Model 3006 TOC FID Analyser	0 to 15 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040036/06
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 E HW Multi-Component Analyser	SO ₂ 0 to 75 mg/m ³ NO 0 to 200 mg/m ³ CO 0 to 75 mg/m ³ HCl 0 to 15 mg/m ³ NH ₃ 0 to 20 mg/m ³ O ₂ 0 to 21 % vol CO ₂ 0 to 25 % vol H ₂ O 0 to 40 % vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040044/04
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 E PD Multi-Component Analyser	SO ₂ 0 to 10 mg/m ³ NO 0 to 50 mg/m ³ NO ₂ 0 to 80 mg/m ³ CO 0 to 50 mg/m ³ HCl 0 to 10 mg/m ³ O ₂ 0 to 21 % vol CO ₂ 0 to 25 % vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040045/05
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	EuroFID TOC FID Analyser	TOC 0 to 15 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040046/05 Please note, certification for the panel mounted version of this instrument is only valid on instruments sold before 13/07/2014. Please see certificate Sira MC 040046/03 for reference.



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	SIDOR Multi Gas Analyser with Modules OXOR-E & OXOR-P	CO 0 to 75 mg/m ³ NO 0 to 125 mg/m ³ SO ₂ 0 to 150 mg/m ³ O ₂ 0 to 25 %vol 0 to 10 %vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 070107/04
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER SP100	Dust 0 to 15 SE 0 to 5 SE 0 to 20 SE 0 to 50 SE 0 to 100 SE 0 to 200 SE	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090143/03
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER SB100	Dust 0 to 100 SE 0 to 15 SE 0 to 50 SE 0 to 200 SE	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090144/03
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER T200	Dust 0 to 0.1 Ext. 0 to 0.05 Ext. 0 to 0.2 Ext. 0 to 0.5 Ext. 0 to 1.0 Ext.	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090145/02



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	GM32 In-situ Multi-Component Analyser (Cross Duct Version)	Measuring path length 1.86m: NO 0 to 70 mg/m ³ 0 to 700 mg/m ³ SO ₂ 0 to 75mg/m ³ 0 to 1000mg/m ³ Measuring path length 1.00m NO 0 to 130.2 mg/m ³ 0 to 1302 mg/m ³ SO ₂ 0 to 139.5 mg/m ³ 0 to 1860 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090146/03
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER SF100	Dust 0 to 50 SE 0 to 5 SE 0 to 20 SE 0 to 100 SE 0 to 200 SE	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090147/01
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER C200	Dust 0 to 0.1 Ext. 0 to 0.05 Ext. 0 to 0.2 Ext. 0 to 0.5 Ext. 0 to 1.0 Ext. 0 to 50 SE 0 to 5 SE 0 to 20 SE 0 to 100 SE 0 to 200 SE	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090150/01
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	DUSTHUNTER T100	Dust 0 to 0.1 Ext. 0 to 0.05 Ext. 0 to 0.2 Ext. 0 to 0.5 Ext. 0 to 1.0 Ext.	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 090151/01



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	GM32 In-situ Gas Analyser (GMP measuring probe Version)	Measuring path length 1.25m: NO 0 to 70 mg/m ³ 0 to 700 mg/m ³ SO ₂ 0 to 75mg/m ³ 0 to 1000mg/m ³ Measuring path length 1.00m NO 0 to 87.5 mg/m ³ 0 to 875 mg/m ³ SO ₂ 0 to 93.8 mg/m ³ 0 to 1250 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 100163/02
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MAC GMS800 Multi-Component Analyser	CO (UNOR) 0 to 75 mg/m ³ CO (MULTOR) 0 to 200 mg/m ³ NO (UNOR) 0 to 100 mg/m ³ NO (MULTOR) 0 to 250 mg/m ³ NO (DEFOR) 0 to 50 mg/m ³ NO ₂ (DEFOR) 0 to 50 mg/m ³ NO _x (UNOR) 0 to 100 mg/m ³ SO ₂ (UNOR) 0 to 75 mg/m ³ SO ₂ (MULTOR) 0 to 250 mg/m ³ SO ₂ (DEFOR) 0 to 75 mg/m ³ CH ₄ (UNOR) 0 to 50 mg/m ³ CH ₄ (MULTOR) 0 to 286 mg/m ³ N ₂ O (UNOR) 0 to 50 mg/m ³ CO ₂ (UNOR) 0 to 25 %vol. CO ₂ (MULTOR) 0 to 25 %vol. O ₂ (OXOR-P) 0 to 25 %vol. O ₂ (OXOR-E) 0 to 25 %vol.	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 100182/03



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	GMS810 - FIDOR TOC analyser	TOC 0 to 15 mg/m ³ 0 to 50 mg/m ³ 0 to 150 mg/m ³ 0 to 500 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 120192/02
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MERCEM300Z Mercury Monitoring System	Hg 0 to 10 µg/m ³ 0 to 45 µg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 120216/01
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	FWE 200 Dust Monitor	Dust 0 to 15 mg/m ³ 0 to 50 mg/m ³ 0 to 100 mg/m ³ 0 to 200 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 140249/01
SICK AG International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 FT Multi- Component Analyser	SO ₂ 0 to 75 mg/m ³ NO 0 to 200 mg/m ³ CO 0 to 75 mg/m ³ HCl 0 to 15 mg/m ³ HF 0 to 3 mg/m ³ TOC 0 to 15 mg/m ³ CO ₂ 0 to 25 % vol. H ₂ O 0 to 40 % vol. NO ₂ 0 to 100 mg/m ³ N ₂ O 0 to 50 mg/m ³ CH ₄ 0 to 50 mg/m ³ O ₂ 0 to 21 % vol. NH ₃ 0 to 10 mg/m ³	MCERTS Performance Standard V3.2 dated August 2010 EN15267 QAL 1	Sira MC 100184/02



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
SICK Engineering GmbH International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	FLOWSIC100 Gas Flowmeter	Velocity 0 to 20 m/s 0 to 40 m/s	MCERTS Performance Standard V3.4 dated July 2008 EN15267 QAL 1	Sira MC 040040/04
SICK MAIHAK GmbH International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	GM35 In-situ Gas Analyser Model Cross-Duct & Model Measuring Probe GMP	Cross-Duct CO 0 to 75 mg/m ³ CO ₂ 0 to 15 %vol H ₂ O 0 to 25 %vol GMP CO 0 to 225 mg/m ³ 0 to 10,240 mg/m ³ CO ₂ 0 to 22.5 %vol H ₂ O 0 to 25 %vol	MCERTS Performance Standard V3.3 dated January 2011	Sira MC 070097/02
SICK MAIHAK GmbH International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS100E CD Multi- Component Analyser	CO 0 to 75 mg/m ³ NO 0 to 200 mg/m ³ NO ₂ 0 to 80 mg/m ³ CO ₂ 0 to 20 %vol O ₂ 0 to 21 %vol	MCERTS Performance Standard V2.1 dated April 2003	Sira MC 070099/02
Siemens Production Siemens Process Analytics Tel: +44 (0)1905 450500	OXYMAT 6 Oxygen analyser	O ₂ 0 to 5 %vol to O ₂ 0 to 25 %vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040032/04



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Siemens Production Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT 23 Multi-component gas analyser	SO ₂ 0 to 400 mg/m ³ NO 0 to 250 mg/m ³ to 0 to 400 mg/m ³ NO 0 to 100 mg/m ³ to 0 to 750 mg/m ³ CO 0 to 150 mg/m ³ to 0 to 250 mg/m ³ O ₂ 0 to 10 %vol to O ₂ 0 to 25 %vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040033/05
Siemens Production Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT 6 Multi-component gas analyser	SO ₂ 0 to 75 mg/m ³ NO 0 to 100 mg/m ³ to 0 to 200 mg/m ³ CO 0 to 50 mg/m ³ to 0 to 75 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040034/05
Siemens Production Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT/OXYMAT 6 Multi-component gas analyser	SO ₂ 0 to 75 mg/m ³ NO 0 to 100 mg/m ³ to 0 to 200 mg/m ³ CO 0 to 50 mg/m ³ to 0 to 75 mg/m ³ O ₂ 0 to 5 %vol to O ₂ 0 to 25 %vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 040035/05
Siemens SAS Siemens Process Analytics Tel: +44 (0)1905 450500	LDS 6 Ammonia analyser	NH ₃ 0 to 20 mg/m ³ 0 to 76 mg/m ³ 0 to 380 mg/m ³ H ₂ O 0 to 30% vol 0 to 40% vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 060088/04



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
Siemens SAS Siemens Process Analytics Tel: +44 (0)1905 450500	LDS 6 HCl analyser	HCl 0 to 15 mg/m ³ 0 to 90 mg/m ³ H ₂ O 0 to 30%vol	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 080118/03
Siemens Sensors & Communications Tel: +44 (0)1905 450500	SIPROCESS UV600	NO 0 to 50 mg/m ³ NO ₂ 0 to 50 mg/m ³ SO ₂ 0 to 75 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 120202/00
SK-Elektronik GmbH (Formerly Meß & Analysentechnik GbmH) Tel: +49 2171 39550	Thermo-FID TOC Analyser (Model MK, FE, ES, TG, PT & KA)	TOC 0 to 15 mg/m ³ TOC 0 to 30 mg/m ³ TOC 0 to 2000 mg/m ³	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC 050062/02
S.K.I Schlegel & Kremer Industrieautomation GmbH Tel: 0049 2166623170 www.ski-gmbh.com	AccuFlo QAL	Gas Velocity: 2 to 20 m/s	MCERTS Performance Standard V3.4 dated July 2012 EN15267 QAL 1	Sira MC120218/00



MCERTS Certified Products: Continuous Emission Monitoring System (CEMS)



Certificate holder	Model	Certified range	Standard	Certificate No.
TECORA Email: m.migliore@tecora.it Quantitech Ltd (UK Agent) Tel: 01908 227722 Email: dd@quantitech.co.uk	Dioxin Emission Continuous Sampling (DECS)	Isokinetic sampling velocity 2 to 20 m/s	MCERTS Performance Standard for Isokinetic Samplers V2.1 dated September 2011	Sira MC080124/04

