

# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-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 or T-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-CEMs:** 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.
<b>ABB Automation Products</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	EL3000-Limas23	NO 0 to 33.5 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 125 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 160294/00</a> Version issued: 10/05/2016
<b>ABB Automation Products</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000 Series Multigas Analysers with SCC-K NO/NO <sub>2</sub> converter  Including: - Uras26 - Magnos206 - El. Sensor - Magnos28	CO 0 to 75 mg/m <sup>3</sup> 0 to 4,000 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> 0 to 5,000 mg/m <sup>3</sup> NO <sub>x</sub> 0 to 150 mg/m <sup>3</sup> 0 to 7,500 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 8,000 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 100 mg/m <sup>3</sup> 0 to 6,700 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 20 Vol.-% O <sub>2</sub> 0 to 10 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 080121/14</a> Version issued: 13/01/2018



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>ABB Automation Products</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	EL3000 Series Multigas Analysers with SCC-K NO/NO <sub>2</sub> converter  Including: - Uras26 - Magnos206 - El. Sensor - Magnos28	CO 0 to 150 mg/m <sup>3</sup> 0 to 4,000 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> 0 to 5,000 mg/m <sup>3</sup> NO <sub>x</sub> 0 to 150 mg/m <sup>3</sup> 0 to 7,500 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 300 mg/m <sup>3</sup> 0 to 8,000 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 100 mg/m <sup>3</sup> 0 to 6,700 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 20 Vol.-% O <sub>2</sub> 0 to 10 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 080122/14</a> Version issued: 12/01/2018
<b>ABB Automation GmbH</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000-Fidas24	TOC 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 160292/02</a> Version issued: 03/08/2016
<b>ABB Automation GmbH</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	AO2000-Limas21 UV	NO 0 to 25 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 160293/01</a> Version issued: 04/05/2016



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



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<b>ABB Automation GmbH</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	EL3000-Fidas24	TOC 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160308/00</a> Version issued: 03/08/2016
<b>ABB Automation GmbH</b>  Tel: +49 697930 4901 UK Sales Tel: +44 (0)1453 826661	ACF5000	CO 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 4,000 mg/m <sup>3</sup> NO 0 to 150 mg/m <sup>3</sup> 0 to 400 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 80 mg/m <sup>3</sup> 0 to 600 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 50 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 5,000 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup> HF 0 to 3 mg/m <sup>3</sup> 0 to 6 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 5 mg/m <sup>3</sup> 0 to 15 mg/m <sup>3</sup> 0 to 230 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 40 Vol.-% CO <sub>2</sub> 0 to 30 Vol.-% H <sub>2</sub> CO 0 to 20 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 7.5 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> TOC 0 to 15 mg/m <sup>3</sup> 0 to 30 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160309/01</a> Version issued: 01/03/2017



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>ABB Ltd</b> Tel. +44 (0)1453 826661	Endura AZ20 / AZ30 measuring systems	O <sub>2</sub> 0 to 25 Vol.-% O <sub>2</sub> 0 to 5 Vol.-%	MCERTS Performance Standard V3.3 dated January 2011  EN15267 QAL 1	<a href="#">Sira MC 110191/03</a> Version issued: 22/11/2016
<b>ABB Ltd</b> Tel. +44 (0)1453 826661	StackFlowMaster System	Velocity 2 to 25 m/s 2 to 35 m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 180339/00</a> Version issued: 10/04/2018
<b>AMETEK Process Instruments</b> Tel: 403-235-8440 Email: <a href="mailto:Dale.Divel@Ametek.com">Dale.Divel@Ametek.com</a>	Model 909, 910, 919, 920 Single and Multi Gas CEMS	NO <sub>2</sub> 0 to 750 ppm (0 to 1,500 ppm) NO 0 to 500 ppm (0 to 1,000 ppm) SO <sub>2</sub> 0 to 200 ppm (0 to 1,000 ppm)	MCERTS Performance Standard V3.2 dated August 2010  EN15267 QAL 1	<a href="#">Sira MC100183/03</a> Version issued: 24/12/2015
<b>Auburn Systems, LLC</b> Tel: (978) 777-2460. Email: <a href="mailto:sales@auburnsys.com">sales@auburnsys.com</a>	U3600-QAL1	Dust 0 to 1,000 pA 0 to 10,000 pA 0 to 100,000 pA	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC170330/00</a> Version issued: 28/09/2017
<b>CDL Tecora</b> Tel: +33 (0) 68824 1033 Email: <a href="mailto:commercial@tecora.com">commercial@tecora.com</a>	Dioxin Emission Continuous Sampling (DECS) Isokinetic Sampling system	Isokinetic sampling velocity: 2 to 20 m/s	MCERTS Performance Standard V3 dated September 2016	<a href="#">Sira MC180344/01</a> Version issued: 09/10/2018



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Codel International Ltd</b> Tel: +44 1629 814351 Fax: +44 1629 814619	D-CEM2100 Dust Monitor	Dust 0 to 0.1 Ext.* 0 to 0.3 Ext. 0 to 1.0 Ext.  (*0 to 0.1 Ext. $\equiv$ 0 to 15 mg/m <sup>3</sup> dust at 5m optical path length)	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC150283/00</a> Version issued: 06/10/2015
<b>Codel International Ltd</b> Tel: +44 1629 814351 Fax: +44 1629 814619	V-CEM5100 Flow Monitor	Velocity 3 to 50 m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC150284/01</a> Version issued: 29/07/2016
<b>Codel International Ltd</b> Tel: +44 1629 814351 Fax: +44 1629 814619	Codel GCEM 40	CO 0 to 500ppm 0 to 1,000ppm NO 0 to 500ppm 0 to 1,000ppm SO <sub>2</sub> 0 to 500ppm 0 to 1,000ppm	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC160296/00</a> Version issued: 17/05/2016



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.	
<b>Dr. Födisch Umweltmesstechnik AG</b>  Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: <a href="mailto:info@foedisch.de">info@foedisch.de</a>	MCA 04 Multi Component Analyser	CO	0 to 75 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 070115/02</a> Version issued: 13/12/2017
			0 to 300 mg/m <sup>3</sup>		
		NO	0 to 200 mg/m <sup>3</sup>		
			0 to 395 mg/m <sup>3</sup>		
		SO <sub>2</sub>	0 to 75 mg/m <sup>3</sup>		
			0 to 300 mg/m <sup>3</sup>		
		HCl	0 to 15 mg/m <sup>3</sup>		
			0 to 90 mg/m <sup>3</sup>		
		NH <sub>3</sub>	0 to 30 mg/m <sup>3</sup>		
			0 to 75 mg/m <sup>3</sup>		
NO <sub>2</sub>	0 to 50 mg/m <sup>3</sup>				
	0 to 1,000 mg/m <sup>3</sup>				
N <sub>2</sub> O	0 to 50 mg/m <sup>3</sup>				
	0 to 1,000 mg/m <sup>3</sup>				
H <sub>2</sub> O	0 to 40 Vol.-%				
CO <sub>2</sub>	0 to 20 Vol.-%				
O <sub>2</sub>	0 to 25 Vol.-%				
<b>Dr. Födisch Umweltmesstechnik AG</b>  Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: <a href="mailto:info@foedisch.de">info@foedisch.de</a>	MGA 12 HR	CO	0 to 125 mg/m <sup>3</sup>	MCERTS Performance Standard V4 dated June 2018  EN15267 QAL 1	<a href="#">Sira MC 180342/01</a> Version issued: 22/10/2018
			0 to 1000 mg/m <sup>3</sup>		
		NO	0 to 300 mg/m <sup>3</sup>		
			0 to 1000 mg/m <sup>3</sup>		
		SO <sub>2</sub>	0 to 200 mg/m <sup>3</sup>		
	0 to 1000 mg/m <sup>3</sup>				
O <sub>2</sub>	0 to 25 Vol.-%				



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Certificate holder	Model	Certified range	Standard	Certificate No.					
<b>Dr. Födisch Umweltmesstechnik AG</b>  Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: <a href="mailto:info@foedisch.de">info@foedisch.de</a>	MCA 10 Multi Component Analyser	CO	0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 5,000 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 140256/03</a> Version issued: 07/10/2015				
		NO	0 to 200 mg/m <sup>3</sup> 0 to 400 mg/m <sup>3</sup> 0 to 3,000 mg/m <sup>3</sup>						
		NO <sub>2</sub>	0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>						
		N <sub>2</sub> O	0 to 50 mg/m <sup>3</sup> 0 to 3,000 mg/m <sup>3</sup>						
		SO <sub>2</sub>	0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 2,500 mg/m <sup>3</sup>						
		HCl	0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> 0 to 5,000 mg/m <sup>3</sup>						
		NH <sub>3</sub>	0 to 10 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>						
		CH <sub>4</sub>	0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>						
		HF	0 to 20 mg/m <sup>3</sup>						
		TOC	0 to 15 mg/m <sup>3</sup> 0 to 30 mg/m <sup>3</sup>						
		CO <sub>2</sub>	0 to 25 Vol.-% 0 to 50 Vol.-%						
		O <sub>2</sub>	0 to 25 Vol.-%						
		H <sub>2</sub> O	0 to 40 Vol.-%						
		<b>Dr. Födisch Umweltmesstechnik AG</b>  Tel: +49 34205 755-0 Fax: +49 34205 75540 Email: <a href="mailto:info@foedisch.de">info@foedisch.de</a>	FMD 09 Flow Monitor			Velocity	2 to 30 m/s 2 to 60 m/s	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170329/00</a> Version issued: 21/07/2017



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-FL 100 Flow Monitor	Velocity 3 to 30 m/s 3 to 50 m/s	MCERTS Performance Standard V3.4 dated January 2011  EN15267 QAL 1	<a href="#">Sira MC 060071/03</a> Version issued: 29/09/2016
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-FL 220 Flow Monitor	Velocity 0 to 30 m/s	MCERTS Performance Standard V3.4 dated January 2011  EN15267 QAL 1	<a href="#">Sira MC 140252/00</a> Version issued: 13/07/2014
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-R 320 particulate analyser	Dust 0 to 7.5 mg/m <sup>3</sup> 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	<a href="#">Sira MC 140253/00</a> Version issued: 22/07/2014
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	HM 1400 TRX Mercury Analyser	Hg 0 to 45 µg/m <sup>3</sup> 0 to 75 µg/m <sup>3</sup>	MCERTS Performance Standard V4 dated July 2018	<a href="#">Sira MC 120193/04</a> Version issued: 05/12/2018
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-R 820F extractive dust monitor	Particulate Concentration 0 to 15 mg/m <sup>3</sup> 0 to 100 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 120204/01</a> Version issued: 04/12/2017





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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-RX 250 Measuring System	Dust 0 to 15 mg/m <sup>3</sup> Velocity 3 to 30 m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 150258/01</a> Version issued: 09/04/2015
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-R 290 Opacity and Dust Concentration Monitor with measuring head D-R 290 M EC2	Dust (optical transmission) 0 to 15 mg/m <sup>3</sup> ≡ 0 - 0.1 Abs.  0 – 0.2 Abs. 0 – 0.5 Abs. 0 – 1.6 Abs. 0 – 100% Opacity	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 150278/00</a> Version issued: 21/08/2015
<b>DURAG GmbH</b> Tel: +49 (0)40554218-0	D-R 808 Dust Monitor	Dust 0 to 7.5 mg/m <sup>3</sup> 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 V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170324/00</a> Version issued: 03/04/2017
<b>Eco Physics AG</b> 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 <sup>3</sup> 0 to 200mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 090139/02</a> Version issued: 13/05/2014



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Emerson Process Management Manufacturing GmbH &amp; Co. OHG</b>  International Sales: Tel: +49 (6055) 884230 UK Sales: Tel: 01243 845226	NGA 2000 MLT3/4 measuring system	CO 0 to 75 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 120 mg/m <sup>3</sup> 0 to 2,500 mg/m <sup>3</sup> NO 0 to 200 mg/m <sup>3</sup> 0 to 2000 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 50 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 150257/01</a> Version issued: 28/04/2017
<b>Emerson Process Management Manufacturing GmbH &amp; Co. OHG</b>  International Sales: Tel: +49 (6055) 884230 UK Sales: Tel: 01243 845226	NGA 2000 CLD measuring system	NO 0 to 134 mg/m <sup>3</sup> 0 to 669 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 205 mg/m <sup>3</sup> 0 to 1,026 mg/m <sup>3</sup> (Expressed as NO <sub>2</sub> )	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 150262/00</a> Version issued: 19/02/2015
<b>ENOTEC GmbH</b>  Tel: +49 (0) 4171 6672 70 <a href="http://www.enotec.de">www.enotec.de</a>  UK Sales Tel: +44 (844) 247 0102	OXITEC 5000+	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170326/00</a> Version issued: 01/06/2017



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Environnement SA</b> Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 <a href="http://www.cbiss.com">www.cbiss.com</a>	MIR9000 Multi-gas Analyser Type 2 SEC Probe & MIR9000 CLD option Type 2 SEC Probe MDS (Module Dryer System)	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 200 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> CO 0 to 500 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 25 Vol.-% HCl 0 to 15 mg/m <sup>3</sup> HCl 0 to 100 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> NO 0 to 500 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 20 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 200 mg/m <sup>3</sup> O <sub>2</sub> 0 to 10 Vol.-% O <sub>2</sub> 0 to 25 Vol.-% CH <sub>4</sub> 0 to 10 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 200 mg/m <sup>3</sup>  NO/NO <sub>x</sub> (CLD) 0 to 20mg/m <sup>3</sup> NO/NO <sub>x</sub> (CLD) 0 to 2,000mg/m <sup>3</sup> NO <sub>2</sub> (CLD) 0 to 20mg/m <sup>3</sup> NO <sub>2</sub> (CLD) 0 to 2,000 mg/m <sup>3</sup>	MCERTS Performance Standard V3.3 dated January 2011  EN15267 QAL 1	<a href="#">Sira MC 020010/11</a> Version issued: 10/04/2017
<b>Environnement SA</b> Tel: +33 (0)1392 23800 CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 <a href="http://www.cbiss.com">www.cbiss.com</a>	MIR-IS Multi-gas analyser	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 200 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> CO 0 to 500 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 25 Vol.-% HCl 0 to 15 mg/m <sup>3</sup> HCl 0 to 100 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> NO 0 to 500 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 20 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 200 mg/m <sup>3</sup> O <sub>2</sub> 0 to 10 Vol.-% O <sub>2</sub> 0 to 25 Vol.-% CH <sub>4</sub> 0 to 10 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 200 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040030/08</a> Version issued: 17/02/2014



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Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Environnement SA</b> Tel: +33 (0)1392 23800  CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 <a href="http://www.cbiss.com">www.cbiss.com</a>	MIR-FT Multi-gas analyser	CO 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> NO 0 to 200 mg/m <sup>3</sup> 0 to 600 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 200 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 100 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 15 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> CHOH 0 to 20 mg/m <sup>3</sup> 0 to 30 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> HF 0 to 3 mg/m <sup>3</sup> 0 to 10 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 25 Vol.-% O <sub>2</sub> 0 to 25 Vol.-% H <sub>2</sub> O 0 to 30 Vol.-%	MCERTS Performance Standard V4 dated July 2018  EN15267 QAL 1	<a href="#">Sira MC 040031/09</a> Version issued: 08/08/2018
<b>Environnement SA</b> Tel: +33 (0)1392 23800  CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 <a href="http://www.cbiss.com">www.cbiss.com</a>	Graphite 52M FID analyser	TOC 0 to 15 mg/m <sup>3</sup> TOC 0 to 500 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated January 2011  EN15267 QAL 1	<a href="#">Sira MC 060082/09</a> Version issued: 21/09/2016
<b>Environnement SA</b> International Sales: Tel: +49 6196 936223  CBISS Ltd (UK agent) Tel: +44 (0)151 666 8300 Fax: +44(0)151 666 8329 <a href="http://www.cbiss.com">www.cbiss.com</a>	AMESA D Continuous Isokinetic Dioxin Sampling System	Isokinetic sampling velocity: 1.1 to 30 m/s	MCERTS Performance Standard for Isokinetic Samplers V3 dated September 2016	<a href="#">Sira MC 120194/01</a> Version issued: 15/03/2017



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Fer Strumenti Srl</b> Tel: +39 0362 231203 <a href="http://www.fer-strumenti.com">www.fer-strumenti.com</a>	ENOX II AMS CEMS	NO 0 to 200ppm 0 to 2,000ppm NO <sub>x</sub> 0 to 200ppm CO 0 to 156ppm 0 to 2,000ppm CO <sub>2</sub> 0 to 15 Vol.-% SO <sub>2</sub> 0 to 1,200ppm	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160301/03</a> Version issued: 01/03/2018
<b>Fer Strumenti Srl</b> Tel: +39 0362 231203 <a href="http://www.fer-strumenti.com">www.fer-strumenti.com</a>	E705 AMS CEMS	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160302/00</a> Version issued: 13/07/2016
<b>Fuji Electric Co Ltd</b> DRM Technic Ltd Tel: +44 (0)1782 638491	ZRE and ZRE/ZFK7 for CO, NO, SO <sub>2</sub> and O <sub>2</sub>	CO 0 to 125 mg/m <sup>3</sup> 0 to 1,250 mg/m <sup>3</sup> NO 0 to 268 mg/m <sup>3</sup> 0 to 2,680 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 571 mg/m <sup>3</sup> 0 to 5,710 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-% 0 to 10 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 130224/03</a> Version issued: 23/02/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Gasmet Technologies OY</b> Tel: +358 (0)9 7590 0400 Fax: +358 (0)9 7590 0435 <a href="http://www.gasmet.fi">www.gasmet.fi</a> 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 <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 1,500 mg/m <sup>3</sup> NO 0 to 150 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> 0 to 600 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 30 Vol.-% 0 to 40 Vol.-% SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 300 mg/m <sup>3</sup> 0 to 1,500 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 200 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 100 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 25 Vol.-% O <sub>2</sub> 0 to 25 Vol.-% HF 0 to 3 mg/m <sup>3</sup> 0 to 10 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> CHOH 0 to 20 mg/m <sup>3</sup> 0 to 30 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 030014/10</a> Version issued: 03/07/2018
<b>Gasmet Technologies OY</b> Tel: +358 (0)9 7590 0400 Fax: +358 (0)9 7590 0435 <a href="http://www.gasmet.fi">www.gasmet.fi</a>	Gasmet Continuous Mercury Monitoring System (CMM)	Hg 0 to 5 µg/m <sup>3</sup> 0 to 10 µg/m <sup>3</sup> 0 to 45 µg/m <sup>3</sup> 0 to 100 µg/m <sup>3</sup> 0 to 1000 µg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 170332/01</a> Version issued: 20/03/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>HORIBA Europe GmbH</b>  Horiba UK Ltd Tel: +44 (0)1604 542500	ENDA-5000 Series Stack Gas Analysis System	CO 0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> NO <sub>x</sub> 0 to 100 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 750 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 20 Vol.-% O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016	<a href="#">Sira MC 120212/02</a> Version issued: 28/02/2018
<b>HORIBA Europe GmbH</b>  Horiba UK Ltd Tel: +44 (0)1604 542500	PG 350E Multi-component Gas Analyser	CO 0 to 75 mg/m <sup>3</sup> NO <sub>x</sub> 0 to 134 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 143 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 20 Vol.-% O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  Annex F - Transportable Systems	<a href="#">Sira MC 130223/02</a> Version issued: 27/02/2018
<b>Kurz Instruments Inc.</b>  Tel: +1 831-646-5911	K-BAR 2000B Measuring System	Velocity 0 to 30 m/s	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 150275/00</a> Version issued: 17/06/2015
<b>Land Instruments International Ltd</b>  Tel: +44 (0)1246 417691	4500 MKIII Dust Monitor	Dust 0 to 0.2 Ext. 0 to 0.1 Ext. 0 to 0.4 Ext. 0 to 1.2 Ext.	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 150274/00</a> Version issued: 26/05/2015



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Land Instruments International Ltd</b>  Tel: +44 (0)1246 417691	FGA950E, FGA950, FGA940E, FGA940, FGA930E, FGA930, FGA900E, & FGA900 Flue Gas analyser	NO 0 to 200mg/m <sup>3</sup> 0 to 1,500mg/m <sup>3</sup> CO 0 to 150mg/m <sup>3</sup> 0 to 2,500mg/m <sup>3</sup> O <sub>2</sub> 0 to 12 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040019/06</a> Version issued: 26/06/2018
<b>McMenon Engineering Services Ltd</b>  Tel. +44 (0)1946 830611	StackFlowMaster System	Velocity 2 to 25 m/s 2 to 35 m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 130222/06</a> Version issued: 20/03/2018
<b>MIP Electronics Oy</b>  Tel: +358 10 3222 631	LM3086 EPA and LM3086 SE	Dust 0 to 0.2 Ext.*  *0 to 52mg-m <sup>3</sup> for a 5m path length	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 180335/00</a> Version issued: 16/04/2018





# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>MKS Instruments Inc.</b>  Tel: +1 978 645 5500 <a href="http://www.mksinst.com">www.mksinst.com</a>  Waverton Analytics Ltd Tel: +44 (0)1246 417691	MGS300 Continuous Emissions Monitoring System	CO 0 to 75 mg/m <sup>3</sup> 0 to 1,500 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 15 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 50 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup> NO 0 to 200 mg/m <sup>3</sup> 0 to 1,500 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 50 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup> HF 0 to 3 mg/m <sup>3</sup> 0 to 10 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 10 mg/m <sup>3</sup> 0 to 75 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 75 Vol.-% H <sub>2</sub> O 0 to 40 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 130234/02</a> Version issued: 16/11/2018
<b>Monitoring Systems GmbH</b>  International Sales: Tel: +43 66425 27239 UK Sales: Tel: 01525 862969	Continuous Isokinetic Dioxin Sampling System  DioxinMonitoringSystems Model G.20 and G.21	Isokinetic sampling velocity 2 to 20 m/s	MCERTS Performance Standard for Isokinetic Samplers V2 dated September 2005  EN15267	<a href="#">Sira MC 050065/13</a> Version issued: 07/12/2018
<b>NEO Monitors AS</b>  Tel: +47 67 97 47 00 <a href="http://www.neomonitors.com">www.neomonitors.com</a>	LaserGas II Monitor	HCl 0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 40 Vol.-% 0 to 30 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 120206/01</a> Version issued: 04/10/2017



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>NEO Monitors AS</b> Tel: +47 67 97 47 00 <a href="http://www.neomonitors.com">www.neomonitors.com</a>	LaserGas II Monitor	HF 0 to 1 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 140244/02</a> Version issued: 23/04/2018
<b>NEO Monitors AS</b> Tel: +47 67 97 47 00 <a href="http://www.neomonitors.com">www.neomonitors.com</a>	LaserGas II Monitor	NH <sub>3</sub> 0 to 10 mg/m <sup>3</sup> 0 to 15 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 40 Vol.-% 0 to 30 Vol.-% 0 to 50 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170328/00</a> Version issued: 06/06/2017
<b>Opsis AB</b> Tel: +46 (0)4672 2500 <a href="http://www.opsis.se">www.opsis.se</a> <a href="http://www.ET.co.uk">www.ET.co.uk</a>	AR 602Z (UV) AR 650 (IR) Used either independently or in combination	CO 0 to 75 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 30 Vol.-% HF 0 to 5 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 20 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 20 mg/m <sup>3</sup> NO 0 to 150 mg/m <sup>3</sup> Formaldehyde 0 to 20 mg/m <sup>3</sup> Phenol 0 to 20 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 30 mg/m <sup>3</sup>	MCERTS Performance Standard V3.3 dated January 2011	<a href="#">Sira MC 020011/07</a> Version issued: 06/06/2016
<b>Opsis AB</b> Tel: +46 (0)4672 2500 <a href="http://www.opsis.se">www.opsis.se</a> <a href="http://www.ET.co.uk">www.ET.co.uk</a>	AR 602Z/Hg	Hg 0 to 45 µg/m <sup>3</sup> 0 to 100 µg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 120201/01</a> Version issued: 27/11/2017
<b>Opsis AB</b> Tel: +46 (0)4672 2500 <a href="http://www.opsis.se">www.opsis.se</a> <a href="http://www.ET.co.uk">www.ET.co.uk</a>	02000 Oxygen analyser	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.3 dated January 2011	<a href="#">Sira MC 020012/05</a> Version issued: 06/04/2016



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>PCME</b> Tel: +44 (0)1480 468200	PCME QAL 181 Particulate Analyser (previously LMS 181) including PCME QAL 181 SEN Sensor	Particulates 0 to 15 mg/m <sup>3</sup> 0 to 100 mg/m <sup>3</sup>	MCERTS Performance Standard V3.1 dated July 2008  EN15267 QAL 1	<a href="#">Sira MC 090152/01</a> Version issued: 24/09/2014
<b>PCME</b> Tel: +44 (0)1480 468200	PCME QAL 991 Particulate Monitor and Sensor (Previously named DT-991)	Particulates 0 to 7.5 mg/m <sup>3</sup> 0 to 15 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 050066/07</a> Version issued: 09/10/2015
<b>PCME</b> 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 mg/m <sup>3</sup>	MCERTS Performance Standards for Automated Dust Arrestment- Plant Monitors, V1, August 2010	<a href="#">Sira MC 110187/01</a> Version issued: 04/03/2016
<b>PCME</b> Tel: +44 (0)1480 468200	PCME STACKFLØW 400	Velocity 0 to 30m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 150273/00</a> Version issued: 26/05/2015



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>PCME</b> Tel: +44 (0)1480 468200	QAL 360	Dust 0 to 7.5 mg/m <sup>3</sup> 0 to 10 SLU 0 to 50 SLU 0 to 100 SLU 0 to 200 SLU	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160306/00</a> Version issued: 12/08/2016
<b>PCME</b> Tel: +44 (0)1480 468200	QAL 260	Dust 0 to 15 mg/m <sup>3</sup> 0 to 200 SLU 0 to 500 SLU	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160307/00</a> Version issued: 12/08/2016
<b>PCME</b> Tel: +44 (0)1480 468200	STACKFLOW 200	Velocity 2 to 30 m/s 2 to 50 m/s	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160315/00</a> Version issued: 30/11/2016
<b>Protea Ltd</b> Tel: +44 (0)1270 872 000	P2000 Series Continuous Emission Monitor with Protea Control Unit	CO 0 to 150 ppm 0 to 3,500 ppm SO <sub>2</sub> 0 to 150 ppm 0 to 1,500 ppm NO <sub>2</sub> 0 to 200 ppm 0 to 5,000 ppm NO 0 to 240 ppm 0 to 1,500 ppm N <sub>2</sub> O 0 to 300 ppm 0 to 5,000 ppm CO <sub>2</sub> 0 to 15 Vol.% 0 to 25 Vol.% H <sub>2</sub> O 0 to 30 Vol.%	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 050060/12</a> Version issued: 18/01/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Protea Ltd</b> Tel: +44 (0)1270 872 000	ProtIR 204M Mobile FTIR multigas analyser	NO 0 to 200 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> O <sub>2</sub> 0 to 20.9 Vol.-% HCl 0 to 15 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 40 Vol.-% NH <sub>3</sub> 0 to 15 mg/m <sup>3</sup>	MCERTS Performance Standard Version 3.4, Annex F dated July 2012	<a href="#">Sira MC 150282/01</a> Version issued: 20/07/2016
<b>Rosemount, Inc.</b> UK Sales: Tel: +44(0)870 240 1978	Oxymitter 4000 Oxygen Analyser (with operator interface LOI)	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012	<a href="#">Sira MC 070087/05</a> Version issued: 27/09/2017
<b>Rosemount, Inc.</b> UK Sales: Tel: +44(0)870 240 1978	Model 6888A Oxygen Analyser	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 140270/02</a> Version issued: 27/09/2017
<b>Servomex Group Ltd</b> Tel: +44 (0)1892 652181	Servomex 4900 Multi gas analyser	SO <sub>2</sub> 0 to 572 mg/m <sup>3</sup> NO 0 to 268 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 030013/11</a> Version issued: 06/03/2018  Please note, the N <sub>2</sub> O certification is only valid on instruments sold before 10/06/2009. Please see certificate <a href="#">Sira MC 030013/03</a> for reference.



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Servomex Group Ltd</b> Tel: +44 (0)1892 652181	SERVOFLEX MiniMP (5200MP) Portable Analyser	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated July 2016  Annex F - Transportable Systems	<a href="#">Sira MC 110190/04</a> Version issued: 11/08/2016
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	Model 3006 TOC FID Analyser	TOC 0 to 15 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040036/06</a> Version issued: 12/01/2015
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 E HW Multi-Component Analyser	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> NO 0 to 200 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> NH <sub>3</sub> 0 to 20 mg/m <sup>3</sup> O <sub>2</sub> 0 to 21 Vol.-% CO <sub>2</sub> 0 to 25 Vol.-% H <sub>2</sub> O 0 to 40 Vol.-%	MCERTS Performance Standard V4 dated July 2018  EN15267 QAL 1	<a href="#">Sira MC 040044/05</a> Version issued: 23/08/2018
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 E PD Multi-Component Analyser	SO <sub>2</sub> 0 to 10 mg/m <sup>3</sup> NO 0 to 50 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 80 mg/m <sup>3</sup> CO 0 to 50 mg/m <sup>3</sup> HCl 0 to 10 mg/m <sup>3</sup> O <sub>2</sub> 0 to 21 Vol.-% CO <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V4 dated July 2018  EN15267 QAL 1	<a href="#">Sira MC 040045/06</a> Version issued: 23/08/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK AG</b>  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 <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040046/05</a> Version issued: 12/01/2015  Please note, certification for the panel mounted version of this instrument is only valid on instruments sold before 13/07/2014. Please see certificate <a href="#">Sira MC 040046/03</a> for reference.
<b>SICK AG</b>  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 <sup>3</sup> NO 0 to 125 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 150 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-% 0 to 10 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 070107/05</a> Version issued: 04/04/2017
<b>SICK AG</b>  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	<a href="#">Sira MC 090143/03</a> Version issued: 12/01/2015





# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK AG</b> 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	<a href="#">Sira MC 090144/03</a> Version issued: 12/01/2015
<b>SICK AG</b> 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	<a href="#">Sira MC 090145/02</a> Version issued: 12/01/2015
<b>SICK AG</b> 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 <sup>3</sup> 0 to 700 mg/m <sup>3</sup>  SO <sub>2</sub> 0 to 75mg/m <sup>3</sup> 0 to 1,000mg/m <sup>3</sup>  Measuring path length 1.00m NO 0 to 130.2 mg/m <sup>3</sup> 0 to 1,302 mg/m <sup>3</sup>  SO <sub>2</sub> 0 to 139.5 mg/m <sup>3</sup> 0 to 1,860 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 090146/03</a> Version issued: 12/01/2015
<b>SICK AG</b> 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	<a href="#">Sira MC 090147/01</a> Version issued: 03/08/2014





# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK AG</b>  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	<a href="#">Sira MC 090150/01</a> Version issued: 16/08/2014
<b>SICK AG</b>  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	<a href="#">Sira MC 090151/01</a> Version issued: 16/08/2014
<b>SICK AG</b>  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 <sup>3</sup> 0 to 700 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75mg/m <sup>3</sup> 0 to 1,000mg/m <sup>3</sup>  Measuring path length 1.00m NO 0 to 87.5 mg/m <sup>3</sup> 0 to 875 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 93.8 mg/m <sup>3</sup> 0 to 1,250 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 100163/02</a> Version issued: 27/01/2015



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK AG</b> 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 <sup>3</sup> CO (MULTOR) 0 to 200 mg/m <sup>3</sup> NO (UNOR) 0 to 100 mg/m <sup>3</sup> NO (MULTOR) 0 to 250 mg/m <sup>3</sup> NO (DEFOR) 0 to 50 mg/m <sup>3</sup> NO <sub>2</sub> (DEFOR) 0 to 50 mg/m <sup>3</sup> NO <sub>x</sub> (UNOR) 0 to 100 mg/m <sup>3</sup> SO <sub>2</sub> (UNOR) 0 to 75 mg/m <sup>3</sup> SO <sub>2</sub> (MULTOR) 0 to 250 mg/m <sup>3</sup> SO <sub>2</sub> (DEFOR) 0 to 75 mg/m <sup>3</sup> CH <sub>4</sub> (UNOR) 0 to 50 mg/m <sup>3</sup> CH <sub>4</sub> (MULTOR) 0 to 286 mg/m <sup>3</sup> N <sub>2</sub> O (UNOR) 0 to 50 mg/m <sup>3</sup> CO <sub>2</sub> (UNOR) 0 to 25 Vol.-% CO <sub>2</sub> (MULTOR) 0 to 25 Vol.-% O <sub>2</sub> (OXOR-P) 0 to 25 Vol.-% O <sub>2</sub> (OXOR-E) 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 100182/04</a> Version issued: 21/12/2015
<b>SICK AG</b> 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 <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 120192/03</a> Version issued: 08/02/2017
<b>SICK AG</b> 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 <sup>3</sup> 0 to 45 µg/m <sup>3</sup>	MCERTS Performance Standard V4 dated July 2018  EN15267 QAL 1	<a href="#">Sira MC 120216/03</a> Version issued: 23/08/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	FWE200DH Dust Monitor	Dust 0 to 7.5 mg/m <sup>3</sup> 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 100 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 140249/02</a> Version issued: 08/12/2017
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	MCS 100 FT Multi- Component Analyser	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> NO 0 to 200 mg/m <sup>3</sup> CO 0 to 75 mg/m <sup>3</sup> HCl 0 to 15 mg/m <sup>3</sup> HF 0 to 3 mg/m <sup>3</sup> TOC 0 to 15 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 25 Vol.-% H <sub>2</sub> O 0 to 40 Vol.-% NO <sub>2</sub> 0 to 100 mg/m <sup>3</sup> N <sub>2</sub> O 0 to 50 mg/m <sup>3</sup> CH <sub>4</sub> 0 to 50 mg/m <sup>3</sup> O <sub>2</sub> 0 to 21 Vol.-% NH <sub>3</sub> 0 to 10 mg/m <sup>3</sup>	MCERTS Performance Standard V4 dated July 2018  EN15267 QAL 1	<a href="#">Sira MC 100184/06</a> Version issued: 23/08/2018
<b>SICK AG</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	ZIRKOR200	O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170327/00</a> Version issued: 29/09/2017
<b>SICK Engineering GmbH</b> International Sales: Tel: 0049 76414690 Fax: 0049 76414691149 UK Sales: Tel: 01727 831121 Fax: 01727 845644	FLAWSIC100 Gas Flowmeter	Velocity 0 to 20 m/s 0 to 40 m/s	MCERTS Performance Standard V3.4 dated July 2008  EN15267 QAL 1	<a href="#">Sira MC 040040/04</a> Version issued: 23/09/2014



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>SICK MAIHAK GmbH</b>  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 <sup>3</sup> CO <sub>2</sub> 0 to 15 Vol.-% H <sub>2</sub> O 0 to 25 Vol.-%  GMP CO 0 to 225 mg/m <sup>3</sup> 0 to 10,240 mg/m <sup>3</sup> CO <sub>2</sub> 0 to 22.5 Vol.-% H <sub>2</sub> O 0 to 25 Vol.-%	MCERTS Performance Standard V3.3 dated January 2011	<a href="#">Sira MC 070097/03</a> Version issued: 16/01/2017
<b>Siemens AG</b>  Siemens Process Analytics Tel: +44 (0)1905 450500	FIDAMAT 6	TOC 0 to 15 mg/m <sup>3</sup> 0 to 50 mg/m <sup>3</sup> 0 to 150 mg/m <sup>3</sup> 0 to 500 mg/m <sup>3</sup>	MCERTS Performance standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 170331/02</a> Version issued: 27/11/2018
<b>Siemens AG</b>  Siemens Process Analytics Tel: +44 (0)1905 450500	OXYMAT 6 Oxygen analyser	O <sub>2</sub> 0 to 5 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040032/05</a> Version issued: 06/11/2017
<b>Siemens AG</b>  Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT 23 Multi-component gas analyser	SO <sub>2</sub> 0 to 400 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> 0 to 250 mg/m <sup>3</sup> 0 to 400 mg/m <sup>3</sup> 0 to 750 mg/m <sup>3</sup> CO 0 to 150 mg/m <sup>3</sup> 0 to 250 mg/m <sup>3</sup> O <sub>2</sub> 0 to 10 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040033/07</a> Version issued: 05/03/2018



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Siemens AG</b> Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT 6 Multi-component gas analyser	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> CO 0 to 50 mg/m <sup>3</sup> 0 to 75 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040034/06</a> Version issued: 06/11/2017
<b>Siemens AG</b> Siemens Process Analytics Tel: +44 (0)1905 450500	ULTRAMAT/OXYMAT 6 Multi-component gas analyser	SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> NO 0 to 100 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> CO 0 to 50 mg/m <sup>3</sup> 0 to 75 mg/m <sup>3</sup> O <sub>2</sub> 0 to 5 Vol.-% 0 to 25 Vol.-%	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 040035/06</a> Version issued: 06/11/2017
<b>Siemens AG</b> Siemens Process Analytics Tel: +44 (0)1905 450500	SET CEM CERT	CO 0 to 75 mg/m <sup>3</sup> 0 to 200 mg/m <sup>3</sup> 0 to 250 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> 0 to 1,250 mg/m <sup>3</sup> NO <sub>x</sub> 0 to 150 mg/m <sup>3</sup> 0 to 230 mg/m <sup>3</sup> 0 to 400 mg/m <sup>3</sup> 0 to 613 mg/m <sup>3</sup> NO 0 to 50 mg/m <sup>3</sup> 0 to 100 mg/m <sup>3</sup> 0 to 600 mg/m <sup>3</sup> 0 to 1,000 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 50 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup> 0 to 400 mg/m <sup>3</sup> O <sub>2</sub> 0 to 25 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 160288/02</a> Version issued: 21/11/2017



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>Siemens AG</b>  Siemens Process Analytics Tel: +44 (0)1905 450500	LDS 6 Ammonia analyser	NH <sub>3</sub> 0 to 20 mg/m <sup>3</sup> 0 to 76 mg/m <sup>3</sup> 0 to 380 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 30 Vol.-% 0 to 40 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 060088/08</a> Version issued: 16/11/2018
<b>Siemens AG</b>  Siemens Process Analytics Tel: +44 (0)1905 450500	LDS 6 HCl analyser	HCl 0 to 15 mg/m <sup>3</sup> 0 to 90 mg/m <sup>3</sup> H <sub>2</sub> O 0 to 30 Vol.-%	MCERTS Performance Standard V3.5 dated June 2016  EN15267 QAL 1	<a href="#">Sira MC 080118/06</a> Version issued: 06/11/2017
<b>Siemens AG</b>  Tel: +44 (0)1905 450500	SIPROCESS UV600	NO 0 to 50 mg/m <sup>3</sup> NO <sub>2</sub> 0 to 50 mg/m <sup>3</sup> SO <sub>2</sub> 0 to 75 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 120202/02</a> Version issued: 06/11/2017
<b>SK-Elektronik GmbH (Formerly Meß &amp; Analysentechnik GbmH)</b>  Tel: +49 2171 39550	Thermo-FID TOC Analyser (Model MK, FE, ES, TG, PT & KA)	TOC 0 to 15 mg/m <sup>3</sup> 0 to 30 mg/m <sup>3</sup> 0 to 2,000 mg/m <sup>3</sup>	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC 050062/03</a> Version issued: 05/10/2015



# MCERTS Certified Products: Continuous Emission Monitoring System (CEMs) and Transportable-CEMs (T-CEMs)



Certificate holder	Model	Certified range	Standard	Certificate No.
<b>S.K.I Schlegel &amp; Kremer Industriautomation GmbH</b>  <b>Tel: 0049 2166623170</b>  <a href="http://www.ski-gmbh.com">www.ski-gmbh.com</a>	AccuFlo QAL	Velocity 2 to 20 m/s	MCERTS Performance Standard V3.4 dated July 2012  EN15267 QAL 1	<a href="#">Sira MC120218/01</a> Version issued: 29/03/2018

