MCERTS Certified Products: Continuous Water Monitoring System (CWMS) Part 3 – Water Flowmeters

Any potential user should ensure, in consultation with the manufacturer, that the CWMS 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.

For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
ABB Ltd Tel: +44 (0)1453 826661 www.abb.com	Watermaster V Electromagnetic flowmeter with WaterMaster Transmitter & Watermaster F Electromagnetic flowmeter with WaterMaster Transmitter & Watermaster W Electromagnetic flowmeter with WaterMaster Transmitter	Watermaster V: DN40 to DN200 (excluding DN60 & DN125) Watermaster F: DN250 to DN2200 Watermaster W DN10 to DN2400 See certificate for certified flow ranges	Sira MC080138/06 Version issued: 09/10/2018 Class 1
Detectronic Ltd Tel: +44 (0)1282 449 124 sales@detectronic.org www.detectronic.org	Detectronic UDFMFC Dual	0 to 1.5 metres (nominal)	Sira MC100170/02 Version issued: 12/02/2015 Class 1
Detectronic Ltd Tel: +44 (0)1282 449 124 sales@detectronic.org www.detectronic.org	MSFM S2U Multi Sensor Flow Monitor	0 to 30l/s for 197mm channel 0 to 20l/s for 152mm pipe 0 to 25l/s for 188mm pipe O to 30l/s for 244mm pipe	Sira MC180336/01 Version issued: 16/08/2018 Class 3

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Certificate holder	Model	Certified range	Certificate No.
Detectronic Ltd Tel: +44 (0)1282 449 124 sales@detectronic.org www.detectronic.org	Detectronic UDFMFC Lite and remote temperature sensor	0 to 3 metres (nominal)	Sira MC100171/03 Version issued: 12/02/2015 Class 1
Dynamic Flow Technologies Ltd Tel: +44(0)115 871 8565 www.dynamicflowtech.com	Waste Water Meter Assembly 100 (WWMA100)	0.05 to 5.150 l/s	Sira MC180334/00 Version issued: 07/06/2018 Class 3
Flexim Industriemesstechnik GmbH Tel: +44 (0) 1606781420 sales@flexim.co.uk www.flexim.co.uk	FLUXUS F721 Ultrasonic Flowmeter	Velocity 0.25m/s to 5m/s Pipe diameter 0.1m to 1.2m	Sira MC160313/01 Version issued: 11/04/2018 Class 1
GE Sensing EMEA Tel: +353 61 470200 www.gesensing.com GE Sensing (UK agent) Tel: +44 (0)116 231 7100	Panametrics DF868 Ultrasonic Liquid Flowmeter	0.25 to 5 m/s	Sira MC050061/07 Version issued: 23/10/2018 Class 1

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
KROHNE Altometer Tel:+44 1933 408500 info@krohne.co.uk www.krohne.co.uk	WATERFLUX 3070 Electromagnetic flowmeter and signal converter	DN25 to DN300 See certificate for certified flow ranges	Sira MC100178/01 Version issued: 08/11/2015 Class 1
KROHNE Altometer Tel:+44 1933 408500 info@krohne.co.uk www.krohne.co.uk	WATERFLUX 3100 Electromagnetic flowmeter and signal converter	DN25 to DN500 See certificate for certified flow ranges	Sira MC120207/02 Version issued: 17/11/2017 Class 1
KROHNE Altometer Tel:+44 1933 408500 info@krohne.co.uk www.krohne.co.uk	WATERFLUX 3300 Electromagnetic flowmeter and signal converter	DN25 to DN500 See certificate for certified flow ranges	Sira MC120208/01 Version issued: 17/11/2017 Class 1
KROHNE Altometer Tel:+44 1933 408500 info@krohne.co.uk www.krohne.co.uk	OPTIFLUX 2100 Electromagnetic flowmeter and signal converter	DN25 to DN500 See certificate for certified flow ranges	Sira MC130220/01 Version issued: 28/02/2018 Class 1

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
KROHNE Altometer Tel:+44 1933 408500 info@krohne.co.uk www.krohne.co.uk	OPTIFLUX 2300 Electromagnetic flowmeter and signal converter	DN25 to DN500 See certificate for certified flow ranges	Sira MC130221/01 Version issued: 28/02/2018 Class 1
MJK Automation ApS Tel: (+45)45560656 www.mjk.com	MJK MagFlux 7200	Velocity 0.1m/s to 10 m/s Pipe size 25mm to 400mm	Sira MC160314/01 Version issued: 01/11/2016 Class 2
MJK Automation ApS Tel: (+45)45560656 www.mjk.com	Flygt MagFlux EMF 801	Velocity 0.1m/s to 10 m/s Pipe size 25mm to 400mm	Sira MC160319/00 Version issued: 16/12/2016 Class 2
Nivus GmbH www.nivus.com	NivuFlow 750 (incorporating POA-K sensor) Echo Profile Flowmeter	Velocity 0.1 to 2.5 m/s Depth 0.075 to 0.8 m	Sira MC160303/00 Version issued: 21/07/2016 Class 2
Nivus GmbH www.nivus.com	NivuFlow 750 Echo Profile Flowmeter and POA-R sensor	Full Pipe Applications Velocity 0.1 m/s to 3 m/s Pipe size DN150, DN300 and DN500	Sira MC170320/00 Version issued: 14/02/2017 Class 2

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Nivus GmbH www.nivus.com	NivuFlow 750 Echo Profile Flowmeter with POA-R sensor and i-Sensor	Partially Filled Pipe Applications Velocity 0.1 m/s to 3 m/s Fluid depth 0.075m to 0.8m	Sira MC170321/00 Version issued: 14/02/2017 Class 3
Nivus GmbH www.nivus.com	NivuFlow 550 with Velocity Radar Sensor and air ultrasonic level i-Sensor	Velocity 0.15 to 2.5m/s Depth 0.05m to 1.6m	Sira MC190344/00 Version issued: 11/04/2019 Class 3
Pulsar Process Measurement Ltd Tel: +44 (0) 1684 891371 www.pulsar-pm.com	FlowCERT with DUET transducer	0 to 1.5 metres (nominal)	Sira MC090154/08 Version issued: 07/11/2018 Class 1
Pulsar Process Measurement Ltd Tel: +44 (0) 1684 891371 www.pulsar-pm.com	FlowCERT Lite with dB3 transducer and remote temperature sensor or dB3 with twin Pulsar sun shields using internal temperature compensation	0 to 3 metres (nominal)	Sira MC090155/12 Version issued: 07/11/2018 Class 1

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Pulsar Process Measurement Ltd Tel: +44 (0) 1684 891371 www.pulsar-pm.com	Flow Star with dB3 transducer and remote temperature sensor or dB3 with twin Pulsar sun shields using internal temperature compensation.	0 to 3 metres (nominal)	Sira MC140269/04 Version issued: 07/11/2018 Class 1
Rosemount Measurement Ltd Tel: +44 (0)1753 756600 www.mobrey.com	MSP900FH-A (or Rosemount 3108) Level Transmitter & MCU900 (or Rosemount 3490) Series Transmitter Control Unit	0 to 3 metres (nominal)	Sira MC080131/07 Version issued: 02/11/2018 Class 1
Siemens Canada Ltd Tel: +44 (0)8458 507600 www.siemens.com/LUT400	SITRANS LUT430 Ultrasonic Level Instrument	0 to 3 metres (nominal)	Sira MC130225/02 Version issued: 04/07/2018 Class 2
Siemens Canada Ltd Tel: +44 (0)8458 507600 www.siemens.com/LUT400	SITRANS LUT440 Ultrasonic Level Instrument	0 to 3 metres (nominal)	Sira MC130226/03 Version issued: 04/07/2018 Class 1

MCERTS Certified Products: Continuous Water Monitoring System (CWMS) Part 3 – Water Flowmeters

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Siemens AG www.siemens.com/flow	SITRANS FM MAG 3100 Electromagnetic flowmeter	DN15 to DN2000 See certificate for certified flow ranges	Sira MC080135/11 Version issued: 02/11/2018 Class 1
Siemens AG www.siemens.com/flow	SITRANS FM MAG 5100W Electromagnetic flowmeter	DN25 to DN1200 See certificate for certified flow ranges	Sira MC080136/09 Version issued: 02/11/2018 Class 1
Siemens AG www.siemens.com/flow	SITRANS FM MAG 8000 & MAG8000 CT Battery Powered Electromagnetic flowmeter	DN25 to DN600 See certificate for certified flow ranges	Sira MC080137/08 Version issued: 02/11/2018 Class 1

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Siemens Industry, Inc. **Industry Automation Division – Process Instrumentation and Analytics** Tel: +44 (0)8458 507600 www.siemens.com/fs220	SITRANS FS220 Ultrasonic Clamp-on Flowmeter	0.25 m/s to 6 m/s	Sira MC190340/00 Version issued: 29/03/2019 Class 1
Siemens Industry, Inc. **Industry Automation Division – Process Instrumentation and Analytics** Tel: +44 (0)8458 507600 www.siemens.com/fs230	SITRANS FS230 Ultrasonic Clamp-on Flowmeter	0.25 m/s to 6 m/s	Sira MC190341/00 Version issued: 29/03/2019 Class 1

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Siemens Canada Ltd Tel: +44 (0)8458 507600 www.siemens.com/hydroranger	HydroRanger 200 Controller with Echomax XRS-5 ultrasonic transducer	0 to 2 metres (nominal)	Sira MC050057/06 Version issued: 23/09/2015 Class 2
Teledyne ISCO Inc. Tel: +1 (402) 464 0231 iscoInfo@teledyne.com www.isco.com UK Sales: RS Hydro Tel: +44(0)1527 882060 Fax: +44(0)1527 558999 Email: sales@rshydro.co.uk Website: www.rshydro.co.uk	Signature® Flowmeter with TIENet™ 330 Bubbler Module	0.003 to 3m	Sira MC140251/00 Version issued: 11/08/2014 Class 2
Teledyne ISCO Inc. Tel: +1 (402) 464 0231 iscoInfo@teledyne.com www.isco.com UK Sales: RS Hydro Tel: +44(0)1527 882060 Fax: +44(0)1527 558999 Email: sales@rshydro.co.uk Website: www.rshydro.co.uk	Signature® Flowmeter with TIENet™ 310 ultrasonic level sensor	0.003 to 3m	Sira MC140261/00 Version issued: 04/11/2014 Class 3

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
Teledyne ISCO Inc. Tel: +1 (402) 464 0231 iscoInfo@teledyne.com www.isco.com UK Sales: RS Hydro Tel: +44(0)1527 882060 Fax: +44(0)1527 558999 Email: sales@rshydro.co.uk Website: www.rshydro.co.uk	Signature® Flowmeter with TIENet™ 360 LaserFlow™ Velocity Sensor	Velocity ±0.25 to ±1.7 m/s Depth 0.01 to 0.75m	Sira MC140265/00 Version issued: 04/11/2014 Class 2
Teledyne ISCO Inc. Tel: +1 (402) 464 0231 iscoInfo@teledyne.com www.isco.com UK Sales: RS Hydro Tel: +44(0)1527 882060 Fax: +44(0)1527 558999 Email: sales@rshydro.co.uk Website: www.rshydro.co.uk	Signature® Flowmeter with 350 Velocity Sensor	Velocity 0.15 to 2 m/s Depth 0.1 to 1m	Sira MC160279/01 Version issued: 09/04/2019 Class 4

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For instruments used under 'Minimum Requirements for the Self-Monitoring of Flow' scheme, the total daily volume of the discharge specified in the permit shall be measured with a target uncertainty of ±8%. The MCERTS inspector will determine whether the specific on site calibration and set up meets the minimum requirements of the Self Monitoring of Flow MCERTS standard.

Certificate holder	Model	Certified range	Certificate No.
VEGA Grieshaber KG Tel.: +44(0)1444 870055 Email: info.uk@vega.com Website: www.vega.com/uk	VEGAPULS WL61 radar level sensor with VEGAMET 391 flow computer VEGAPULS 61B radar level sensor with VEGAMET 391 flow computer	Depth 0 to 5m	Sira MC160312/01 Version issued: 31/10/2018 Class 2