City: Oeynhausen



Calibration Certificate

Customer:

CCSTEC

Customer ID:

C79

Report number: Manufacturer:

1501583

Model:

Lighthouse Remote 2014

Serial no.:

110421002

This certifies the above named instrument conforms to the original specifications in effect at time of calibration. Calibration of the above stated instrument has been accomplished by size calibration as defined by ISO 21501-4. The accuracy of the standards and equipment used in the calibration are traceable to National Institute of Standards and Technology or have been derived from acceptable values of natural physical constants. All work performed is in accordance with Lighthouse Worldwide Solutions Benelux, Master Calibration Document: I7C.001 and is recorded and maintained as such.

				Calibr	ration conditions
	Calibration date:	February 2, 2	2015	Temperature:	22.4 °C
Next calibration	on this instrument is due:	February, 2	016	Humidity:	30.8 %
	Thre	shold Voltage Se	ttings		
Particle size: 0.2 µm	Lot # 43115	Due: 01-04-2017	Channel	1 Threshold Voltage:	66 mV
Particle size: 0.3 µm	Lot # 43715	Due: 01-09-2017	Channel :	2 Threshold Voltage:	484 mV
Particle size: 0.5 µm	Lot # 43116	Due: 01-04-2017	Channel 3	3 Threshold Voltage:	2139 mV
Particle size: 1 µm	Lot # 42596	Due: 01-10-2016	Channel	4 Threshold Voltage:	4913 mV
		Measurements			
Flow rate:		2.9 ltr/mir)	Limit 2,69 - 2,97ltr/min	
False count rate:	Observed counts in 5 min	0 Counts		No specification in ISO2	1501-4
Counting efficiency:	Size: 0.2 µm	48%		Limit 30% - 70%	
Counting efficiency:	Size: 0.3 µm	109%		Limit 90% - 110%	
Size resolution:	First channel	5.60%		Limit 15%	

Model	S/n	Due to	Certificate no.
Solair 1100+	060805006	27-06-2015	NL-28188
Flowmeter Bios Drycal	104546	03-10-2015	27891
Fluke-175	12170245	06-05-2015	1278865
MCA8000A	2456	21-02-2015	MCA-025-A0
Control Company 14-649-11	130436923	31-07-2015	1045-5258888

Name:

Eric Witzel
Calibration engineer

Signature:

Calibration engineer

