



# Quality Control / Calibration Certificate

Certificate #: 20160096

<b>Product:</b> GP001 / GP002		<b>Serial #:</b> <u>GP20160096</u>	
<b>Description:</b> CO <sub>2</sub> Gas Probe		<b>Customer:</b> <u>CRISTINA CASTANHA</u>	
<input type="checkbox"/> GP001 (1m)	<input checked="" type="checkbox"/> SSC(Included)	<input checked="" type="checkbox"/> Single Range	<input checked="" type="checkbox"/> Serial Cable
<input type="checkbox"/> GP002 (3m)	<input type="checkbox"/> SLC(Optional)	<input type="checkbox"/> Dual Range	<input checked="" type="checkbox"/> DC+ Cable
	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> GND Connector

Function:	Condition:	Result:
<b>GP Hardware</b>		
Membrane	No Defects (Visual inspection)	Pass <u>TDZ</u>
<b>GP Cable</b>		
External Power	GP Receives power from 12 V DC power source via cable	Pass <u>TDZ</u>
Digital Comm.	GP Communicates w/ eosLink-GP via cable	Pass <u>TDZ</u>
Analog Signal	SE wires produce voltmeter reading when GP powered	Pass <u>TDZ</u>
<input type="checkbox"/> <b>Additional GP Cable</b>		
External Power	GP Receives power from 12 V DC power source via cable	Pass _____
Digital Comm.	GP Communicates w/ eosLink-GP via cable	Pass _____
Analog Signal	SE wires produce voltmeter reading when GP powered	Pass _____
<b>Serial Extension Cable</b>		
Digital Comm.	GP Communicates w/ eosLink-GP via cable	Pass <u>TDZ</u>
<b>DC+ External Power Cable</b>		
External Power	GP Receives power from 12 V DC power source via cable	Pass <u>TDZ</u>

<b>Calibration:</b>	Single (Primary) Range	0 - <u>10,000</u> ppm CO <sub>2</sub>		
	Dual (Secondary) Range	<del>0 - _____ ppm CO<sub>2</sub></del>		
<b>Spec:</b>	<b>Conc.:</b>	<b>Rated:</b>	<b>Measured:</b>	<b>Result:</b>
<1% range + 1% reading	<i>Primary Range</i>			
	<u>3.6</u> ppm	± <u>100.1</u>	<u>10.8</u> ppm	Pass <u>TDZ</u>
	<u>2043.3</u> ppm	± <u>120.5</u>	<u>2051.8</u> ppm	Pass <u>TDZ</u>
	<del><i>Secondary Range</i></del>			
	<u>8018.4</u> ppm	± <u>182.9</u>	<u>8286.9</u> ppm	Pass <u>TDZ</u>
	_____ ppm	± _____	_____ ppm	Pass _____

Notes:  $[CO_2] = \frac{V_{SE}}{5} \times 1.2 \times RANGE$

Approved by: TDZ

Date: 09 / 15 / 2017