



Quality Control / Calibration Certificate

Certificate #: 20160042

| | | | |
|---|---|--|---|
| Product: GP001 / GP002 | | Serial #: <u>GP20160042</u> | |
| Description: CO ₂ Gas Probe | | Customer: <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: |
|---|---|-------------------------|
| GP Hardware | | |
| Membrane | No Defects (Visual inspection) | Pass <u>[Signature]</u> |
| GP Cable | | |
| External Power | GP Receives power from 12 V DC power source via cable | Pass <u>[Signature]</u> |
| Digital Comm. | GP Communicates w/ cosLink-GP via cable | Pass <u>[Signature]</u> |
| Analog Signal | SE wires produce voltmeter reading when GP powered | Pass <u>[Signature]</u> |
| <input type="checkbox"/> Additional GP Cable | | |
| External Power | GP Receives power from 12 V DC power source via cable | Pass <u>[Signature]</u> |
| Digital Comm. | GP Communicates w/ eosLink-GP via cable | Pass <u>[Signature]</u> |
| Analog Signal | SE wires produce voltmeter reading when GP powered | Pass <u>[Signature]</u> |
| Serial Extension Cable | | |
| Digital Comm. | GP Communicates w/ eosLink-GP via cable | Pass <u>[Signature]</u> |
| DC+ External Power Cable | | |
| External Power | GP Receives power from 12 V DC power source via cable | Pass <u>[Signature]</u> |

| | | | | |
|---------------------------|-----------------------------------|---|-------------------|-------------------------|
| Calibration: | Single (Primary) Range | 0 - <u>10,000</u> ppm CO ₂ | | |
| | Dual (Secondary) Range | 0 - _____ ppm CO₂ | | |
| Spec: | Conc.: | Rated: | Measured: | Result: |
| <1% range + 1% reading | <i>Primary Range</i> | | | |
| | <u>3.6</u> ppm | ± <u>100.1</u> | <u>8.2</u> ppm | Pass <u>[Signature]</u> |
| | <u>2043.3</u> ppm | ± <u>120.3</u> | <u>2029.0</u> ppm | Pass <u>[Signature]</u> |
| | <i>Secondary Range</i> | | | |
| | <u>8018.4</u> ppm | ± <u>182.5</u> | <u>8247.0</u> ppm | Pass <u>[Signature]</u> |
| | _____ ppm | ± _____ | _____ ppm | Pass <u>[Signature]</u> |

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

Approved by: [Signature]

Date: 09 / 15 / 2017