

**TEST PROTOCOL**

Gas mixture

**Multitec® 410**

Serial no. (e.g.: 066 31 00480)

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04.12.2018

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|------------|------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| <b>1.0</b> | <b>General status</b>                                |  |  |  |  |  |  |  |  |  |  |
| 1.1        | – Perfect condition (e.g.: Y / N)                    |  |  |  |  |  |  |  |  |  |  |
| 1.2        | – Fine dust filter correct (e.g.: Y / N)             |  |  |  |  |  |  |  |  |  |  |
| 1.3        | – Disposable/rechargeable battery capacity (e.g.: ¼) |  |  |  |  |  |  |  |  |  |  |

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| <b>2.0</b> | <b>Pump check</b>         |  |  |  |  |  |  |  |  |  |  |
| 2.1        | – Pump error F100 in seal |  |  |  |  |  |  |  |  |  |  |

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| <b>3.0</b> | <b>Warning ExTox (test gas = fresh air)</b>                                                   |  |  |  |  |  |  |  |  |  |  |
| 3.1        | Zero point CH <sub>4</sub><br>– Display -3 – +3 % LEL<br>or<br>– Display -0.15 – +0.15 % vol. |  |  |  |  |  |  |  |  |  |  |
| 3.2        | Fresh air O <sub>2</sub> (20.9 % vol.)<br>– Display 20.4 – 21.4 % vol.                        |  |  |  |  |  |  |  |  |  |  |
| 3.3        | Zero point CO<br>– Display -3 – +3 ppm                                                        |  |  |  |  |  |  |  |  |  |  |

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| <b>4.0</b> | <b>Warning ExTox (test gas = gas mixture)</b>                                                  |  |  |  |  |  |  |  |  |  |  |
| 4.1        | CH <sub>4</sub> (2.20 % vol.)<br>– Display 45 – 55 % LEL<br>or<br>– Display 2.00 – 2.40 % vol. |  |  |  |  |  |  |  |  |  |  |
| 4.2        | O <sub>2</sub> (17.5 % vol.)<br>– Display 17.0 – +18.0 % vol.                                  |  |  |  |  |  |  |  |  |  |  |
| 4.3        | CO (40 ppm)<br>– Display 37 – 43 ppm                                                           |  |  |  |  |  |  |  |  |  |  |
| 4.4        | Visual alarm (e.g.: Y / N)                                                                     |  |  |  |  |  |  |  |  |  |  |
| 4.5        | Audible alarm (e.g.: Y / N)                                                                    |  |  |  |  |  |  |  |  |  |  |

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| <b>5.0</b> | <b>Warning ExTox (test gas = fresh air) – propane C<sub>3</sub>H<sub>8</sub>, nonane C<sub>9</sub>H<sub>20</sub> (optional gas types)</b> |  |  |  |  |  |  |  |  |  |  |
| 5.1        | Zero point C <sub>3</sub> H <sub>8</sub><br>– Display -3 – +3 % LEL<br>or<br>– Display -0.12 – +0.12 % vol.                               |  |  |  |  |  |  |  |  |  |  |
| 5.2        | Zero point C <sub>9</sub> H <sub>20</sub><br>– Display -9 – +9 % LEL<br>or<br>– Display -0.06 – +0.06 % vol.                              |  |  |  |  |  |  |  |  |  |  |

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| <b>6.0</b> | <b>Warning ExTox – propane C<sub>3</sub>H<sub>8</sub> (optional gas type)</b>                                |  |  |  |  |  |  |  |  |  |  |
| 6.1        | C <sub>3</sub> H <sub>8</sub> (1.00 % vol.)<br>– Display 55 – 61 % LEL<br>or<br>– Display 0.84 – 1.16 % vol. |  |  |  |  |  |  |  |  |  |  |

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| <b>7.0</b> | <b>Warning ExTox – nonane C<sub>9</sub>H<sub>20</sub> (optional gas type)</b>                                                                                                               |  |  |  |  |  |  |  |  |  |
| 7.1        | Replacement test gas C <sub>3</sub> H <sub>8</sub> (0.3 % vol.)<br>[Display in C <sub>9</sub> H <sub>20</sub> 0.22 % vol.]<br>– Display 22 – 40 % LEL<br>or<br>– Display 0.16 – 0.28 % vol. |  |  |  |  |  |  |  |  |  |
| <b>8.0</b> | <b>Comments</b><br>– Housing damaged<br>– Adjustment, repair<br>– Inspection at factory<br>– Or similar                                                                                     |  |  |  |  |  |  |  |  |  |
| <b>9.0</b> | <b>Inspection</b>                                                                                                                                                                           |  |  |  |  |  |  |  |  |  |
|            | – Day                                                                                                                                                                                       |  |  |  |  |  |  |  |  |  |
|            | – Month                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |
|            | – Year                                                                                                                                                                                      |  |  |  |  |  |  |  |  |  |
|            | – Signature                                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |