

**COMPANY OPERATING PROCEDURES**TED60T7 (PN 0111060)  
O<sub>2</sub> Analyser Test Procedure

VM3/COP/38.03

Date: 30-Jan-03

Revision date: 25-May-11

Issue: 3

**Test Equipment Required**

Oxycal.

**Method**

1. Take the TED60 Analyser and T7 O<sub>2</sub> sensor out of their packaging.
2. Fit the battery.
3. Ensure that the display shows  $00.0 \pm 1.0\%$  oxygen concentration. <sup>(1)</sup>
4. Connect a calibrated oxycal to the unit (not the oxycal marked "for TED191 only").
5. Switch the oxycal to 100%.
6. Adjust the calibration control knob on the unit to obtain a displayed oxygen concentration reading as close to 100.0% as possible (at least between the values of 99.0% - 101.0%).
7. Switch the oxycal to 21% and leaving the calibration control knob as set above, ensure that the displayed oxygen concentration is  $21.0 \pm 1.0\%$ . <sup>(2)</sup>
8. Disconnect the oxycal.
9. Connect the T7 O<sub>2</sub> sensor and ensure a displayed oxygen concentration reading of 16.0% to 26.0%. Adjust the calibration control knob to obtain a reading of  $21.0 \pm 1.0\%$ . <sup>(3)</sup>
10. Disconnect the T7 sensor.
11. Repackage as per the T7 O<sub>2</sub> sensor test procedure (VM3COP37.52).
12. Remove the battery from the TED60.
13. Label the TED60 with Viamed sticker if necessary.
14. Repackage the TED60 and accessories.
15. Label the box as necessary for UK or export.
16. Ensure that the TED60 and T7 are booked out in the stock books.

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- (1) If the unit fails to show a suitable reading at this stage the TED60 is faulty. The unit and accessories should be repackaged and left at goods-in, in a docket with a note attached.
- (2) If the unit fails to show a suitable reading at this stage the TED60 is faulty. The unit and accessories should be repackaged and left at goods-in, in a docket with a note attached.
- (3) If the unit fails to show a suitable reading at this stage the T7 sensor is faulty. It should be repackaged and left at goods-in, in a docket with a note attached. The replacement T7 fuel cell should be tested as per the above procedure.