

**COMPANY OPERATING PROCEDURES****R29IMED (0110035)  
O<sub>2</sub> Sensor Test Procedure**

VM3/COP/37.41

Date: 3-Feb-03

Revision date: 25-May-11

Issue: 3

**Test & Equipment Required**

Functional test required using R29 tester and (digital voltmeter).

Output specification as in document: (VM3COP37.00, column (i)).

**Method.**

1. Open the packaging and remove the O<sub>2</sub> sensor.
2. Check the O<sub>2</sub> sensor for damage and signs of leaking electrolyte.
3. Connect the O<sub>2</sub> sensor to the R29 tester, select 200mV range (marked with arrows) and wait for a few seconds for the meter reading to stabilise. Check for an output. If no, or very low output, or sensor is returned as faulty, leave the O<sub>2</sub> sensor exposed to air for 1 Hour..
4. Ensure that meter reading lies within the output specification range, 10mV – 15.5mV . If the O<sub>2</sub> sensor fails the output specification test, it should be left unsealed and boxed, placed in a ducket and put on the goods in desk with a short note explaining why it failed, ready to be booked in with a SRN.
5. Disconnect the O<sub>2</sub> sensor from the R29 tester and label with Viamed stickers if appropriate.
6. Reseal in serial numbered packet, integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.