

**COMPANY OPERATING PROCEDURES****Teledyne R13 (PN 0110013)  
O<sub>2</sub> Sensor Test Procedure**

VM3/COP/37.33

Date: 3-Feb-03

Revision date: 25-May-11

Issue: 3

**Test & Equipment Required**

Functional test required using the R13 tester (oxygen analyser).

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. Check for an output
4. If no, or very low output, or sensor is returned as faulty leave the O<sub>2</sub> sensor exposed to air for 1 Hours Minimum.
5. Connect the O<sub>2</sub> sensor to the R13 tester and wait a few seconds for the display to stabilise.
6. Ensure that the oxygen analyser reading can be adjusted to read 21% using the calibration control knob. If the fuel cell fails the output specification test, it should be unsealed re-boxed. It should then be placed in a docket and put on the goods in desk with a short note explaining why it failed, ready to be booked in using a SRN.
7. Disconnect the O<sub>2</sub> sensor from the R13 tester.
8. Label with Viamed stickers if appropriate.
9. Reseal in serial numbered packet, integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.