

**COMPANY OPERATING PROCEDURES**

Teledyne R22-2BUD (0110222), R22A (0110122), R22AH (0110142),  
R22DHO (0110213), R22DN (0110216), R22MED (0110022)  
O<sub>2</sub> Sensor Test Procedure

VM3/COP/37.37

Date: 3-Feb-03

Revision date: 30-Apr-15

Issue: 3

**Test & Equipment Required**

Functional test required using R22 tester and R22 test lead, (digital multimeter and 3 pin molex adapter). 200mV range

Output specification as in document: (VM3COP37.99, column (i)).

**Method.**

1. Open the packaging and remove the O<sub>2</sub> sensor
2. Check the O<sub>2</sub> sensor damage and signs of leaking electrolyte.
3. Check for an output Ensure that reading lies within the output specification range,  
10mV +/- 3mV
4. Check for an output see VM3COP37.99 or Intrastats QA form for Values
5. 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 then re-test.
6. If the O<sub>2</sub> sensor fails scan them to return to supplier shelf (182560) they are sealed, initialed and  
output/fault written on bar code .
7. Disconnect the O<sub>2</sub> sensor from the R22 tester and label with Viamed stickers if appropriate.
8. Scan the Barcode into the QA form in intrastats, and complete the form.
9. Reseal in serial numbered packet,