

COMPANY OPERATING PROCEDURESTeledyne R21A (PN 0110121),
O₂ Sensor Test Procedure

VM3/COP/37.36

Date: 3-Feb-03

Revision date: 25-May-11

Issue: 3

Test & Equipment Required

Functional test required using R21 tester and R21 test adapter, (digital multimeter and adapter).

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

Method.

1. Open cell packaging and remove O₂ sensor.
2. Check the O₂ sensor for damage and signs of leaking electrolyte.
3. Connect the O₂ sensor to the R21 tester, select 200mV range (marked with arrows) and wait a few seconds for meter reading to stabilise.
4. Check for an output Ensure that meter reading lies within the output specification range, 10.mV +/- 3mV
5. If no, or very low output, or sensor is returned as faulty leave the O₂ sensor exposed to air for 1 Hour Minimum.
6. If the O₂ sensor fails the output specification test, it should be left unsealed and boxed, placed in a docket and put on the goods in desk with a short note explaining why it failed, ready to be booked in with a SRN
7. Disconnect the O₂ sensor from the R21 tester and label with Viamed stickers if appropriate.
8. Reseal in serial numbered packet, integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.