COMPANY OPERATING PROCEDURES

Teledyne R21A (PN 0110121), O_2 Sensor Test Procedure

VM3/COP/37.36

Date: 3-Feb-03 **Revision date: 12-Jul-18** 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 O_2 sensor.
2. Check the O_2 sensor for damage and signs of leaking electrolyte.
3. Connect the O_2 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, 7mV - 14mV 9-14 mV
   * Scan into Intrastats as passed with output on Q/A Results
5. If no, or very low output, or sensor is returned as faulty leave the O_2 sensor exposed to air for 1 Hour Minimum.
6. If the O_2 sensor fails the output specification test, it should be left ~~unsealed and boxed~~ X and, 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~~ the docket On Q/A Bench ~~here~~ labeled Return to Supplier
7. Disconnect the O_2 sensor from the R21 tester and label with Viamed stickers if appropriate. Each Sensor should have its barcode attached with the output/problem unit
8. Reseal in serial numbered packet, ~~integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.~~ Box and add Viamed outer box label.

Also needs to been noted as a fail with output on Intrast system on Q/A Results.

CG 23.8.18