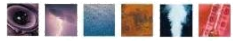


parc

product assessment + reliability centre



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TEST REPORT

ENVIRONMENTAL TEST REPORT NO. 4040

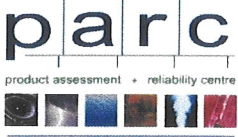
RH ACTIVITY AND MARINE SURVIVAL LIMITED

DATE : 04 JANUARY 2012

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Product Assessment and Reliability Centre Ltd. performs all of its product testing under a rigorous laboratory management system. We are accredited by UKAS to BS EN ISO/IEC 17025:2005, the "General requirements for the competence of testing and calibration laboratories". Details of our UKAS accredited tests and a copy of our UKAS Schedule of Accreditation are available upon request. Tests marked "non-UKAS" are currently not covered by our UKAS 17025:2005 accreditation. All testing, whether UKAS or non-UKAS, is performed within the same laboratory management system and to the same levels of calibration and traceability.

The results contained in this report relate only to the samples submitted.



TEST REPORT

Document No. TR1
Revision D

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Page 1 of 4

Report No
4040

Requested By
Rex Hargrave

Customer Details
RH Activity and Marine Survival Ltd

Date Samples Received

Date Started
21-12-2011

Date Finished
21-12-2011

Date of Issue
04-01-2012

Product Description:

Under water Safety Device

Tests Performed and Test Specifications:

Water Ingress Test – Non UKAS IPX8 Broadly in accordance with BS EN60529:1992
Simulated Test Depth of 100m (10 bar) Using a Pressure Vessel.

Disposal of Samples:

Samples were returned to customer on completion of testing.

Report Summary

All test work carried out within the scope of this report is marked 'Non UKAS'.
The samples were subjected to the tests described within this report.

No water ingress was noted during post test inspection.

Distribution: Rex Hargrave, PARC File

Test Engineer: N. England (Lab Manager)

N. England
Approved: S. Wort (Senior Engineer)

1. Sample content



2. Test Equipment

Equipment	PARC ID	Cal Due Date
Pressure Gauge	564	02/2013
Pressure Vessel	196	N/A
Timer	427	21/04/12
Pressure test pump	517	N/A

3. Test set up

Water Ingress Test – Non UKAS IPX8 in accordance with BS EN60529:1992
Simulated Test Depth of 100m (10 bar) Using a Pressure Vessel.

Sample was immersed in water inside a pressure vessel and the pressure vessel pressurised to 10 bar and left for 1 hour at pressure.



Test Sample was then removed from pressure vessel and inspected for signs of water ingress.



Post Test Inspection

No sign of water ingress was found in the Test Sample.

4. Report Summary

Test sample was immersed in water and pressurised to 10 bar for 1 hour. No water was found to have ingressed the sample during the post test inspection.

On completion of testing the test sample was returned to the customer for further inspection.

End Of Test