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Partial Test Report

IEC60335-1:2010 used in conjunction with IEC 60529 Degrees of protection provided
by enclosures (IP Code)

TEST REPORT #: WCT P 15/1378

CLIENT:

*Digital Matter Embedded (Pty) Ltd.
PO Box 70732
Bryanston
2021*

Attention: Mr Adrian Pickles

*Order #: Application forms
Date of Order: 8th September 2015*

SAMPLE:

*Sample of Enclosure for Battery Powered Asset
Tracking Device.*

TEST SPECIFICATION:

*IEC60335-1:2010 used in conjunction with IEC
60529 (IP Code) IPX7 Test only, used as normative
reference only*

TRADE NAME:

Remora.

MODEL IDENTIFICATION:

Remora.


DATE OF ISSUE:

2015-10-26

TESTED:


LP Kuisis (Technical signatory)

APPROVED:


GH Holtzhausen

NOTE:

"The South African National Accreditation System (SANAS) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA). This Arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the Arrangement please consult www.ilac.org."

1. Description Of The Tests Required:

A enclosure for the Remora Battery Powered Asset Tracking Device was submitted for testing to the requirements of IEC60529 IPX7 (Clause 14.2.7).

Two samples were tested as follows:

- 1) Sample A with the 10 seal
- 2) Sample B with the 20 seal

The enclosure was completely immersed in water in their service position with the lowest point of the enclosure located 1 000mm below the surface of the water for a duration of 30 minutes. The enclosures were opened inspected for the ingress of water and requirements of clause 14.3. See Appendix 1 for identification photo's

2. Summary of test results:

The samples **Complied** with the requirements of IEC 60529 clauses 14.2.7& 14.3.

There was no indication of the ingress of water in the units after the test.

This report relates only to the specific sample(s) tested as identified herein. The test results do not apply to any similar items that have not been tested.

END OF REPORT







Figure 5



Figure 6

