



LABORATORY NO.: T0005

TEST CERTIFICATE

Company : YeboTech (Pty) Ltd
Address : Tokai on Main Business Park
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Contact person : Shane jones
Project number : 14593
Test item : Plug
Model no. : YL 15-Plug-01-B
Test specification : IEC60529
Date received : 2017-05-22
Date completed : 2017-05-25
Remarks : None

Test equipment :

Equipment	Asset no.	Calibration certificate no.
Dust chamber	OTF155	C/2017/004
Water test facility	13002835	Not required

Directors: Vice Admiral (ret) RJ Mudimu (Chairperson), Ms T Skweyiya (Deputy Chairperson), Mr KPE Wakeford (CEO),
Dr MB Khanyile, Adv VL de la Hunt, Mr NM Tyibilika, Mr RM Vokwana, Mr JG Grobler (CFO), Ms CE Simpson,
Ms T Mhlari, Ms TJ Ndhlovu, Adv NB Senne (Company Secretary)

Results : ***IP Rating test (IP55)***

Dust test

The Plug was subjected to a dust test for 8 hours. The test was performed in accordance with section 13.4 of IEC60529 for Category 2 enclosures. The test was performed at a temperature of +23°C. Upon completion of the test the sample was visually inspected for possible ingress of dust. The unit was functionally tested with a Key which was not subjected to the tests.

Water test

The Plug was subjected to a water spray test using a 6.3 mm spray nozzle as illustrated in Figure 6. The unit was sprayed with water from all directions. The duration of the test was 3 minutes. The test was performed in accordance with section 14.2.5. Upon completion of the test, the Plug was visually inspected for possible ingress of water before it was functionally tested.

Results

Although ingress of dust and water was visible in the Plug, it performed satisfactory when it was functionally tested. No failures were recorded.

AUTHOR:



H PRINSLOO
SANAS SIGNATORY

2017-06-07
Date

APPROVAL:



R VAN DEN BERG
TECHNICAL MANAGER

2017-06-08
Date