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Test Report

IEC 60335-1:2016 & IEC 60335-2-76:2018
Household and similar electrical appliances – Safety
Part 2-76: Particular requirement electric fence energizers

REPORT # : WCT 24/0645

CLIENT:

*Iotech Manufacturer (Pty) Ltd
PO Box 582
Maraiburg
1700
Attention: Frans Kamps/ Christelle Badenhorst
Order #: Frans
Date of Order: 14 May 2024*

SAMPLE:

Electric Fence Energiser

TEST SPESIFICATION:

*SANS 60335-1:2018 Ed3.1 & IEC 60335-1:2016 Ed5.1
SANS 60335-76: 2020 & IEC 60335-2-76:2018*

SUMMARY OF RESULTS:

Complied

DATE STARTED:

2024-05-23

DATE COMPLETED:

2024-06-21

DATE OF ISSUE:

2024-06-21

TESTED:



GH Holzhausen (Technical signatory)

APPROVED:



E Botma (Technical signatory)

IEC 60335-1:2016 & IEC 60335-2-76:2018

Clause	Requirement - Test	Result - Remark	Verdict
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1. DESCRIPTION OF SAMPLE

Manufacturer:	<i>IO Tech Manufacturing</i>
Model:	<i>Agri30/ 50; Agri Solar 10/ 25/ 50</i>
Trade Name:	<i>Nemtek</i>
Country of Origin	<i>Republic of South Africa</i>
Rated Input:	<i>Class II Agri – 7 W/ Agri Solar – 4 A</i>
Rated Voltage:	<i>Agri: 11 – 16 VDC/ Agri Solar: Battery – 12 VDC Solar – 17 VDC</i>

2. ABBREVIATIONS

TEST DOES NOT APPLY:	N/A
SAMPLE MEET REQUIREMENTS (COMPLY):	C
SAMPLE DOES NOT MEET REQUIREMENTS (FAIL):	F
NOT TESTED:	N/T

3. SYMBOLS

■ Results marked as such in this report are not included in the SANAS Scope of Accreditation for TEST Africa

▲ Results marked as such in the report are from an alternate / subcontracted laboratory and are not included in the SANAS Scope of Accreditation for TEST Africa

4. GENERAL REMARKS

- Only a brief description of the test specification requirements, measurements, etc. is given in the report to indicate the nature of these. Refer to the specification for detailed requirement(s).
- The sections and subsections refer to in this report are numbered as in the relevant test specification.
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- For sample identification refer to Appendix 1.

5. TEST CONDITIONS

Climatic conditions that prevailed during tests:

	Maximum	Minimum	Limits
Ambient temperature	25°C	17°C	20°C ± 5°C
Relative humidity	62 %	39 %	None

6. COMMENTS

New samples were submitted for testing.
The Electrical Data was taken from TEST Africa report WCT 16/0444.