



Interference Testing And Consultancy Services (Pty) Ltd

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CERTIFICATE OF CONFORMANCE

COC.NO:	4909-2/11	CONTRACTOR	ITC SERVICES (PTY) LTD
CUSTOMER	Nemtek	ADDRESS	PRIVATE BAG X13 LYNN EAST 0039
ADDRESS	PO Box 43025 INDUSTRIA 2042	DATE	11/07/2011

We hereby certify that the **Nemtek AgriEnergizer Electric Fence Energizer, model nr: Agri ½J, serial number: 501117001** were tested according to:

- SABS CISPR 14-1 (2005): 'Limits and methods of measurement of radio disturbance characteristics of electrical motor-operated and thermal appliances for household and similar purposes, electric tools and electric apparatus'
- SABS CISPR 14-2 (2001): 'Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity - Product family standard'
 - IEC 61000-4-2 (2008): Testing and measurement techniques – Electrostatic discharge immunity test
 - IEC 61000-4-3 (2008): Testing and measurement techniques –Radiated, radio-frequency, electromagnetic field immunity test
 - IEC 61000-4-4 (2004): Testing and measurement techniques – Electrical Fast Transient / Burst
 - IEC 61000-4-5 (2005): Testing and measurement techniques – Surge immunity test
 - IEC 61000-4-6 (2005): Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields
 - IEC 61000-4-11(2005): Testing and measurement techniques – Voltage Dips, Short Interruptions and voltage variations immunity test
 - IEC 61000-3-2 (2005): Limits for Harmonic Current Emissions (Equipment Input Current ≤16 A per phase)
 - IEC 61000-3-3 (2006): Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with rated current ≤16 A per phase

And comply with the requirements of the specification.

TEST RESULT SUMMARY

CISPR 14-1 Radiated emissions	Pass
CISPR 14-1 Conducted Emissions (Output Leads)	Pass
IEC 61000-3-2 Harmonic Current Emissions	Pass
IEC 61000-3-3: voltage changes, voltage fluctuations and flicker	Pass
IEC 61000-4-2 Electrostatic discharge immunity test	Pass Criteria A
IEC 61000-4-3: Radiated, radio-frequency, electromagnetic field immunity test	Pass Criteria A
IEC 61000-4-4: Electrical Fast Transient / Burst	Pass Criteria A
IEC 61000-4-5: Surge immunity test	Pass Criteria A
IEC 61000-4-6: Immunity to conducted disturbances, induced by radio-frequency fields	Pass Criteria A
IEC 61000-4-11: Voltage dips	Pass Criteria A

NAME OF CERTIFIER

Johan Deysel

EMC Test Engineer

SIGNATURE OF CERTIFIER

11/07/2011