



# Interference Testing And Consultancy Services (Pty) Ltd

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## CERTIFICATE OF CONFORMANCE

COC.NO:	<b>4909-1/11</b>	CONTRACTOR	<b>ITC SERVICES (PTY) LTD</b>
CUSTOMER	<b>Nemtek</b>	ADDRESS	<b>PRIVATE BAG X13 LYNN EAST 0039</b>
ADDRESS	<b>PO Box 43025 INDUSTRIA 2042</b>	DATE	<b>11/07/2011</b>

We hereby certify that the **Nemtek AgriEnergizer Electric Fence Energizer, model nr: Agri 1J, serial number: 461115005** 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