



Interference Testing And Consultancy Services (Pty) Ltd

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CERTIFICATE OF CONFORMANCE

| | | | |
|----------|--|------------|---|
| COC.NO: | 4909-4/11 | 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 2J**, serial number: **451115057** 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 following requirements of the specification.

TEST RESULT SUMMARY

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| 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