



Interference Testing And Consultancy Services (Pty) Ltd

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Republic of South Africa

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CERTIFICATE OF CONFORMANCE

COC.NO:	5525-1/13	CONTRACTOR	ITC SERVICES (PTY) LTD
CUSTOMER	Joint Ventures Electronic Services (Pty) Ltd.	ADDRESS	PRIVATE BAG X13 LYNN EAST 0039
ADDRESS	1st Floor, Femco Business Park 775 Pretoria Main Rd Wynberg	DATE	21/06/2013

We hereby certify that the Joint Ventures Electronic Services Diamond Parking Guidance System consisting of:

1. PGS sensors with serial numbers: 1001, 1002, 1003
2. PGS Numeric Display, serial number: 1001
3. PGS Zone Buffer, serial number: 1001
4. PGS Power Supply, serial number: 1001

Was tested according to:

- BS EN 50293 (2001): 'Electromagnetic compatibility – Road traffic signal systems – Product standard'

And comply with the requirements of the specification.

TEST RESULT SUMMARY

CISPR 22 Radiated Emissions	Pass Class B
CISPR 22 Conducted Emissions (Power Leads)	Pass Class B
IEC 61000-4-2 Electrostatic discharge immunity test	Pass Criterion B
IEC 61000-4-3: Radiated, radio-frequency, electromagnetic field immunity test	Pass Criterion A
IEC 61000-4-4: Electrical Fast Transient / Burst	Pass Criterion B
IEC 61000-4-5: Surge immunity test	Pass Criterion A
IEC 61000-4-6: Immunity to conducted disturbances, induced by radio-frequency fields	Pass Criterion A
IEC 61000-4-11: Voltage dips	Pass Criterion B
IEC 61000-4-11: Voltage Interruptions	Pass Criterion B
IEC 61000-3-2: Harmonic emissions	Pass
IEC 61000-3-3: voltage changes, voltage fluctuations and flicker	Pass

NAME OF CERTIFIER

Johan Deysel

EMC Test Engineer

SIGNATURE OF CERTIFIER

21/06/2013



T0175



Armscor Accredited