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ACCREDITED TESTING LABORATORY FOR ELECTROMAGNETIC FIELDS

Based on the measurement results presented in

TEST REPORT No. EE-EMV-S-259/05 dated 2005-04-22

and

EXPERT OPINION No. EE-EMV-S-260/05 dated 2005-04-22

it can be stated that the investigated device, Walk Through Metal Detector model

PMD2 Elliptic Column version

manufactured by CEIA S.p.A, Costruzioni Elettroniche Industriali-Automatisimi,
Zona ind. Le Viciomaggio 54/G, I-52040 Viciomaggio-Arezzo, Italy

fulfills the requirements regarding personal safety in electromagnetic fields according to the given standards and limits (indicated by ' COMPLIANT ' in the corresponding field) as follows :

Document/Limit	PO-Setting				
	'IEEE' & 'ACGIH'	'50364'	'364LO'	'ENVDE'	'HEA.C'
ACGIH 0302 [a)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
IEEE C95.1 [b)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
ICNIRP Guidelines 1998 [c)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
EC-Directive 2004/40/EC [d)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
EN 50364 [e)] and EN 50357 [f)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
EC-Rec. 1999/519/EC [g)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT
VDE 0848-3-1 [h)]	-	-	-	COMPLIANT*)	COMPLIANT*)
Safety Code 6 [i)]	COMPLIANT*)	COMPLIANT*)	COMPLIANT*)	COMPLIANT*)	COMPLIANT*)
RPB-SC-18 [j)]	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT

*) under intended use conditions (i.e. walking through the device within 10 seconds)

[a)] ACGIH, 2001 Threshold Limit Value (TLV) for 'Sub-Radiofrequency (30 kHz and below) Magnetic Fields'

[b)] IEEE C95.1-1999: IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz

[d)] ICNIRP Guidelines 1998 Guidelines For Limiting Exposure To Time-Varying Electric, Magnetic, And Electromagnetic Fields (Up To 300 GHz)", International Commission on Non-Ionizing Radiation Protection, Health Phys. 1998 April, Vol.74, No.4, 494-522

[d)] EC Directive 2004/40/EC of the European Parliament and of the Council on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields), 29. April 2004

[e)] EN 50364 (Oct. 2001): Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications.

[f)] EN 50357 (Oct. 2001): Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications.

[g)] European Council Recommendation 1999/519/EC on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz), 12. July 1999

[h)] DIN VDE 0848-3-1: Safety in electrical, magnetic and electromagnetic fields. Part 3-1: Protection of persons with active implants in the frequency range 0 Hz to 300 GHz, May 2002

[i)] Safety Code 6, 1999: Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency range from 3 kHz to 300 GHz, Health Canada

[j)] RPB-SC18, 1976: Recommended safety procedures for the selection, installation and use of active metal detectors, Health Canada

Date: 2005-04-22

Expert  for Director 

Comments: The test results refer exclusively to the test subject.

***Austrian Research Centers* is an Austrian government majority owned company operating independent accredited testing laboratories**

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