

SCOPE OF ACCREDITATION OF TESTING LABORATORY No. AB 269

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PCA AB 269	<p>Name and address</p> <p style="text-align: center;">ZAKŁAD POMIAROWO-BADAWCZY ENERGETYKI ENERGOPOMIAR-ELEKTRYKA Sp. z o.o. ul. Świętokrzyska 2 44-101 Gliwice</p>
<p>Identity code field/item (items) of test</p> <p>A/6; A/9; G/6; G/9; N/6;</p>	<p>Fields/item (items) of test:</p> <p>Acoustic and noise tests of machines and electrical devices Tests relating to environmental engineering – electrical devices and equipment Tests relating to environmental engineering – environmental samples (environment in general, working environment) – electromagnetic field Test of physical characteristics of electrical products</p>

**HEAD
OF TESTING LABORATORIES
DEPARTMENT**

Electromagnetic Field and Partial Discharge Division Ireneusz Hasiec - Head of the Division		
Items tested / Group of items	Characteristics tested and testing methods	Standards and/or documented test procedures
working environment – electromagnetic field	Electric field strength of the frequency 50 Hz in the range from 0,05 kV/m to 20 kV/m Magnetic field strength of the frequency 50 Hz in the range from 0,01 A/m to 10 kA/m	PN-T-06580-3:2002
Environment in general – electromagnetic field	Electric field strength of the frequency 50 Hz in the range from 0,05 kV/m to 20 kV/m Magnetic field strength of the frequency 50 Hz in the range from 0,01 A/m to 10 kA/m	Attachment no. 1 to the Minister of Environment Order on 30 October 2003 (Dz. U. No. 192 pos. 1883)

**annex no. 1 to the ordinance of the Minister of Environment of October 30, 2003
(Journal of Laws [Dz. U.] No. 192, item 1883)**

Ireneusz Hasiec is authorized to give opinion and the interpretation of results enclosed to test reports, according to the PN-T-06580-3: 2002 standard in Electromagnetic Field and Partial Discharge Division

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Thermovision Measurement Division Krzysztof Patschek - the Head of Division Antoni Szopa - technician		
Items tested / Group of items	Characteristics tested and testing methods	Standards and/or documented test procedures
Power system equipment without a voltage limit. HV, MV and LV swichgear and other overhead lines. Transformers Rotary machines Thermal insulation: power boilers, turbines electrofilters and processing and heating pipelines Power boilers- waterwalls	Temperature distribution on power system equipment. Ranges: (0 ÷ 500) °C Thermovision method	Testing procedure PB-10 Edition 2 on 29 March 2010

Antoni Szopa, Krzysztof Patschek are authorized to give opinion and the interpretation of results enclosed to test reports in Thermovision Measurement Division

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Noise and Vibration Measurement Division		
Ireneusz Malciak - The Head of Laboratory, the Head of Division		
Items tested / Group of items	Characteristics tested and testing methods	Standards and/or documented test procedures
Environment in general - noise from the sources: power plants, heat and power generating plant, transformer stations and substations, without a voltage limit and other industrial plants	Equivalent level of sound A Range (20 ÷ 140) dB	Attachment no. 6 to the Minister of Environment Order on 4 November 2008 Dz. U. No. 206, pos. 1291. PN-N-01341:2000+Ap1:2001
	Emission level of the noise L_{Aek} . Equivalent level of sound A $L_{Aek T}$ Range (20 ÷ 140) dB	Attachment no. 6 to the Minister of Environment Order on 4 November 2008 Dz. U. No. 206, pos. 1291. PN-N-01341:2000+Ap1:2001
Environment in general - noise from the sources: power overhead lines without a voltage limit	Equivalent level of sound A Level of the sound pressure in 1/3 octave bands Range (20 ÷ 140) dB (20 ÷ 16000) Hz	Attachment no. 6 to the Minister of Environment Order on 4 November 2008 Dz. U. No. 206, pos. 1291. PN-N-01339:2000
Environment in general - noise in rooms and buildings	Equivalent level of sound A Maximal level of sound A Range (20 ÷ 140) dB	PN-B-02151-02:1987 PN-B-02156:1987 PN-M-35200:1992
Industry equipment of overall dimensions 4x4x4 m	Surface level of sound A Range (20 ÷ 140) dB Corrected level of the device acoustic power A. Approximate method.	PN-EN ISO 3746:2010
Transformers, reactors without a voltage limit and their cooling equipment	Surface level of sound A Range (20 ÷ 140) dB Corrected level of the device acoustic power A.	PN-EN 60076-10:2003

Ireneusz Malciak is authorized to give opinion and the interpretation of results enclosed to test reports in Noise and Vibration Measurement Division

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List of changes of the Scope of Accreditation No. AB 269

Status of changes: primary version – A

I am approving the status of changes

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TADEUSZ MATRAS
10.12.2010