# **CERTIFICATION SERVICES**

Independently of the laboratory services in Łukasiewicz – Institute of Electrical Enginering works the Department of Certification of Electrotechnical Products.

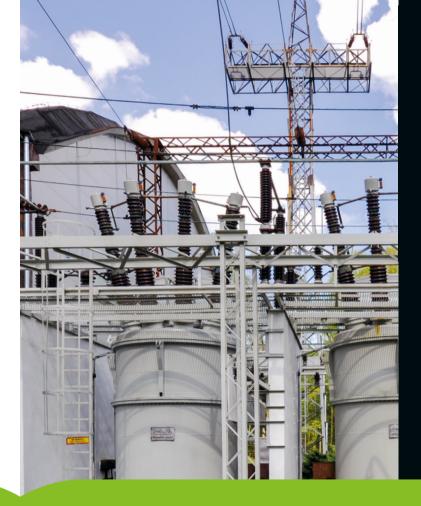
The Certification Department AC 168 issues certificates confirming the fulfillment of the requirements of the products in accordance with reference standards.



AC 168

The basis of certification is the assessment of the documentation provided by the client in a detailed report on tests performed in accredited laboratories.

Certificates are issued according to the PVC 1/CWE/DN type 1a certification program, complied the requirements of the standard PN-EN ISO/IEC 17065:2014-01.





Tests and Certification

We have a unique short-circuit generator equipped with generators of a special design with a rated voltage of 12 kV and rated powers of 25 MVA and 100 MVA (short-circuit powers respectively: 500 MVA and 2 500 MVA)



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We carry out standardized tests that are performed on equipment that is unique on a national and European scale

# Laboratory services

#### **OBJECTS**:

Electrical products and equipment
Construction products and materials
Glass and ceramics
Personal protection measures
Plastic and rubber products
Products and equipment
telecommunications
Electronic products and equipment



AB 067

#### **OBJECTS**

Toys

Products, materials, construction objects
Electrical products and equipment
Machines and devices
Medical equipment
Optical equipment
Plastic and rubber products



AB 022

# RESEARCH AREAS:

Electrical and Electronic Tests (E)

Fire tests (H)

Mechanical tests, metallographic tests (J)

Non-destructive testing (L)

Physical properties tests (N)



#### **RESEARCH AREAS:**

Acoustic and noise tests – including vibration noise (A)

Electrical and Electronic Tests (E)

Electronic products and equipment

Electromagnetic Compatibility (EMC) (F) tests

Fire tests (H)

Mechanical tests, metallographic tests (J)

Physical properties tests (N)



#### **OBJECTS**:

Electrical products and equipment Personal protection measures Electronic products and equipment

# **RESEARCH AREAS:**

Electrical and Electronic Tests (E) Mechanical tests, metallographic tests (J) Physical properties tests (N)



AB 074

### **CALIBRATED OBJECTS:**

Shunts

Voltage dividers

Calibrators

Resistance calibrators

Kilovoltometers

Lux meters

Clamp meters

Analog voltage meters

Digital voltage meters

Network parameters meters

Analog current meters

Digital current meters

Analog resistance meters

Digital resistance meters

Short circuit loop resistance meters

Multimeters

Adjustable resistors

Fixed resistors

Measurement probes

Luminous flux patterns

Power supplies

# **CALIBRATION AREAS:**

Voltage, Current (dc)

Voltage, Current (ac) Resistance (dc)

Resistance (ac)

High voltage and current

Photometry



Scan the code and find out more!



# NON-ACCREDITED LABORATORIES

We also have non-accredited laboratories, in which we perform, among others research related to electrical engineering, electrical, mechanical, thermal properties, flammability tests and many others.

Write to us bok@iel.lukasiewicz.gov.pl