



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA

Karloveská 63, 840 00 Bratislava 4, Slovenská republika

CERTIFICATE OF ACCREDITATION

No. S-196

**The Slovak National Accreditation Service based on the decision
No. 014/10050/2022/1 dated 27.05.2022 certifies that**

VUJE, a. s.
Laboratory of Equipment Qualification

Okružná 5, 918 64 Trnava,

ID number: 31 450 474

Workplace LEQ, Sibírska 1, 917 01 Trnava

Workplace LEQ, Zavorská 11, 917 01 Trnava

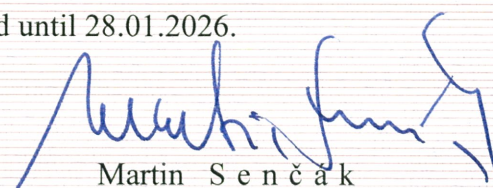
is competent to carry out testing of electrical and electronic devices and their components, electrical distributors and their components; electrical motors and drives; electrical cables and their auxiliaries; manually, electrically and pneumatically operated armatures, valves, flaps and their components and auxiliaries; polymeric, insulating, tightening and structural materials during thermal ageing, in the accident conditions of environment and in dynamic steam-pressure stress conditions; tensile testing of cable insulating and sheathing materials, electrical insulating materials, conductors, plastics and rubber; thermoanalytical testing of cable insulating and sheathing materials, polymeric, insulating, tightening and structural materials; measurement of mechanical-vibration resistance and durability, seismic resistance, mechanical vibration - acceleration, velocity and position of machines, equipment and structures within the accreditation scope delineated in the Annex to this Certificate. The Annex is an integral part of Certificate of Accreditation.

*The accredited body gives evidence of competence to perform the accredited activity impartially and trustworthily by meeting the requirements of the **ISO/IEC 17025: 2017** Standard.*

Accreditation granted on 27.05.2022 is valid until 28.01.2026.

Bratislava 27.05.2022




Martin Senčák
director

ACCREDITATION SCOPE

Name of accredited subject: **VUJE, a. s.****Laboratory of Equipment Qualification**

Okružná 5, 918 64 Trnava

Workplace LEQ, Sibírska 1, 917 01 Trnava

Workplace LEQ, Zavorská 11, 917 01 Trnava

Laboratory with fixed scope of accreditation.

Item	Object		Method applied		Other specification (range, uncertainty, purpose, modification / validation, opinions / interpretation, etc.)
	Subject / Matrix / Environment	Property / Parameter / Indicator / Analyt	Principle / Kind / Type	Identification	
1.	Subjects and materials liable to thermal degradation: - electrical and electronic devices and their components, - el. distributors and their components, - el. motors and drives, - el. cables and accessories, - manually, electrically and pneumatically operated armatures, valves, flaps and their components and auxiliaries, - polymeric, insulating, tightening and structural materials	Thermal endurance of materials	Functional tests before, during and after the thermal ageing exposure Qualitative test	STN EN 60216-1 STN EN 60216-2 STN EN 60216-3 STN EN 60216-4-1 STN EN 60216-5 STN EN 60505 STN EN 60811-100 STN EN 60811-401 STN EN 60811-412 IEC/IEEE 60780-323 STN EN 60780-323 IEC 60493-1 IEC 60772 IEEE Std 317 STN EN 1593/A1 STN EN 50289-1-4 STN EN 50395 (VP - 142)	Workplace LEQ, Sibírska 1 Workplace LEQ, Zavorská 11
2	Subjects and materials installed in environment with possibility of accident condition – dynamic steam-pressure stress: - electrical and electronic devices and their components, - el. distributors and their components, - el. motors and drives, - el. cables and accessories, - manually, electrically and pneumatically operated armatures, valves, flaps and their components and auxiliaries, - polymeric, insulating, tightening and structural materials	Resistance and functional capability of tested subject in simulated accident conditions	Functional tests before, during and after the simulation of nonstandard environmental conditions (pressure, temperature, humidity) Qualitative test	IEEE Std 383 IEC/IEEE 60780-323 STN EN 60780-323 IEC 60772 IEEE Std 317 STN EN 1593/A1 STN EN 50289-1-4 STN EN 50395 STN EN 60068-1 STN EN 60068-2-30 STN EN 60068-2-78 (VP - 145)	Workplace LEQ, Sibírska 1



Item	Object		Method applied		Other specification (range, uncertainty, purpose, modification / validation, pinions / interpretation, etc.)
	Subject / Matrix / Environment	Property / Parameter / Indicator / Analyt	Principle / Kind / Type	Identification	
3	Cable insulating and sheathing materials, electrical insulating materials, conductors Plastics, rubber	Tensile strength and elongation at break	Measurement of force and elongation	STN EN 60811-100 STN EN 60811-201 STN EN 60811-202 STN EN 60811-203 STN EN 60811-501 STN EN ISO 527-1 STN EN ISO 527-2 STN EN ISO 527-3 ČSN ISO 37 STN IEC 60189-1 (VP - 182)	ČSN ISO 37 - except for O Ring samples STN EN ISO 527-2 – except chapter 6.2 Workplace LEQ, Sibirská 1
4	Organic and anorganic materials in solid or liquid state, e.g.: - cable insulating and sheathing materials - polymeric, insulating, tightening and structural materials	Oxidation induction time and oxidation induction temperature	Thermal analysis	ISO 11357-6 STN EN ISO 11357-1 (VP - 183)	Workplace LEQ, Sibirská 1
5.1	Machines, equipments and structures	Mechanical and vibration resistance and endurance	Measurement of acceleration, velocity and position Qualitative test (item 5.1 and 5.2)	IEC 60068-2-6 STN EN 60068-2-6 IEC 60255-21-1 STN EN 60255-21-1 STN EN 60068-2-57 STN EN 60068-2-64 (VP - 152)	Workplace LEQ, Zavorská 11 Item 5.3 are performed in Customer locality
5.2		Seismic resistance		IEC/IEEE 60780-323 STN EN 60780-323 STN IEC 60980 IEEE /IEC 60980-344 STN EN IEC/IEEE 60980-344 STN EN IEC 60068-3-3 IEC 60255-21-3 STN EN 60255-21-3 (VP - 152)	
5.3		Mechanical vibration - acceleration, velocity and displacement		ČSN ISO 20816-1 ISO 7919-3 ČSN ISO 20816-4 ČSN ISO 20816-5 STN ISO 10816-6 (VP - 152)	

Notes:

VP – executive procedure (internal document)

