



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA

Karloveská 63, 840 00 Bratislava 4, Slovenská republika

## CERTIFICATE OF ACCREDITATION

**No. K-063**

The Slovak National Accreditation Service based on the decision  
No. 175/9249/2021/1 dated 18.08.2021 certifies that

**APPLIED PRECISION s.r.o.**

**Calibration laboratory**

Staviteľská 1, 831 04 Bratislava

ID Number: 31 327 257

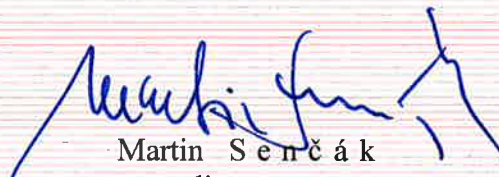
is competent to perform calibration of digital voltmeters, amperemeters, ohmmeters, wattmeters, static electricity meters, instrument voltage transformers and current transformers within accreditation scope delineated in the Annex to this Certificate. The Annex is an integral part of Certificate of Accreditation.

*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 22.10.2021 is valid until 22.10.2026.

Bratislava 18.08.2021



  
Martin Senčák  
director

**Accreditation scope**

Name of the accredited subject: **APPLIED PRECISION s.r.o.**  
**Calibration laboratory**  
Stavitel'ská 1, 831 04 Bratislava

Laboratory with a fixed accreditation scope.

Item	Type of instrument, measuring device	Measurement range	Expanded uncertainty U (k=2)	Established Methods		Other specifications
				Kind/Principle	Identification	
1.	Digital voltmeters	220mV - 1100V DC	0,0015 %	Direct measurement with multifunction calibrator	EURAMET cg-15 Version 3.0, PPK 11.01	Place of calibration: at AP laboratory
		1V - 50V AC 45Hz - 1kHz,	0,0036 %			
		50 - 100V AC 45Hz - 1kHz	0,0050 %			
		100 - 500V AC 45Hz - 1kHz	0,0060%			
		500 - 1000V AC 45Hz - 1kHz	0,0075%			
2.	Digital amperemeters	10mA - 2A DC	0,0030%	Direct measurement with multifunction calibrator	EURAMET cg-15 Version 3.0, PPK 11.01	Place of calibration: at AP laboratory
		1mA - 2A AC 45Hz - 1kHz	0.036 %			
		1mA,10mA, 100mA,1A AC 45Hz - 1kHz	0,005 %			
		1mA - 2A AC 45Hz - 1kHz	0,005 %	Indirect measurement		
		2A - 120A AC 45Hz - 1kHz	0,01 %			
		120A - 6kA AC 45Hz - 1kHz	0,1 %			
3.	Digital ohmmeters	100Ω - 100MΩ	0,002 %	Direct measurement with multifunction calibrator	EURAMET cg-15 Version 3.0, PPK 11.01	Place of calibration: at AP laboratory
4.	Digital wattmeters	5V - 500V, 0,001A - 120A, 45Hz - 1kHz	0,01 %	Direct comparison with standard wattmeter	PPK 11.01	Place of calibration: at AP laboratory and on-site at the customer
		Phase: 0° - 360°	50Hz: 0,0040° 60Hz: 0,0046° 1kHz: 0,088°			
		Frequency: 45Hz - 1kHz	0,000001 %			
		5V - 500V, 0,001A - 120A, 45Hz - 1kHz	0,01 %	Indirect measurement	PPK 11.01	
		5V - 500V, 120A - 6kA, 45Hz - 1kHz	0,1 %			
		5V - 500V, 0,001A - 120A DC	0,005 %			
		Phase: 0° - 360°	50Hz: 0,0040° 60Hz: 0,0046° 1kHz: 0,088°			
Frequency: 45Hz - 100 kHz	0,000001 %					



## Annex to the Decision No. 175/9249/2021/1 and to the Certificate of Accreditation No. K-063 dated 18.08.2021

The Annex is an integral part of the  
Certificate of Accreditation

Item	Type of instrument, measuring device	Measurement range	Expanded uncertainty U (k=2)	Established Methods		Other specifications
				Kind/Principle	Identification	
5.	Static electrometers	30V - 500V, 0,001A - 120A Fáza: 0°- 360° 45Hz – 1kHz	0,01%	Direct comparison with standard electrometer	STN EN 62052-11 STN EN 62053-21, 22 a 23, 24 STN EN 50470-1 - 3, PPK 11.01	Place of calibration: at AP laboratory and on-site at the customer
		5V - 500V, 0,001A - 120A, 45Hz – 1kHz	0,01 %			
		5V - 500V, 120A - 6kA, 45Hz – 1kHz	0,1 %	Indirect measurement	PPK 11.01	
		5V - 500V, 0,001A - 120A, DC	0,005 %			
		Phase: 0°- 360°	50Hz: 0,0040° 60Hz: 0,0046° 1kHz: 0,088°			
		Frequency: 45Hz – 100 kHz	0,000001 %			
6.1	Instrument voltage transformers	1:1 30V -300V Phase: 0°- 360°	0,005%	Ratio measurement method	STN EN 60044-7, PPK 11.01	Place of calibration: at AP laboratory and on-site at the customer
			50Hz: 0,0040° 60Hz: 0,0046° 1kHz: 0,088°			
6.2	Instrument current transformers	1:1-100:1, 1:1- 1:100, (Integer ratios) 1 mA – 240 A Phase: 0°- 360°	0,005%	Ratio measurement method	STN EN 60044-8, PPK 11.01	Place of calibration: at AP laboratory and on-site at the customer
			50Hz: 0,0040° 60Hz: 0,0046° 1kHz: 0,088°			

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