



SCOPE OF ACCREDITATION

Accredited conformity assessment body

MS INSTITUTE Belgrade
Proficiency testing provider IMS Institute (PIMS)
Bulevar vojvode Mišića 43 St., Belgrade

Standard: SRPS ISO/IEC 17043:2011

Short description of the scope

- Proficiency testing in the field of physical, chemical and mechanical testing of cement
- Proficiency testing in the field of acoustical testing of noise
- Proficiency testing in the field of acoustical testing of sound insulation
- Proficiency testing in the field of physical and mechanical testing of ceramic tiles
- Proficiency testing in the field of physical and mechanical testing of clay masonry units and roofing tiles
- Proficiency testing in the field of physical and mechanical testing of stone aggregate
- Proficiency testing in the field of physical, chemical and mechanical testing of wood based panels
- Proficiency testing in the field of physical testing of bitumen
- Proficiency testing in the field of physical and mechanical testing of thermal insulating products



Detailed description of the scope

PT provider location: Bulevar vojvode Mišića 43 St., Belgrade			
Field of testing / subject of proficiency testing: Construction products, construction materials			
No	Subject of proficiency testing	Measured size/ proficiency testing property Measurement range/measurement possibility (where applicable)	Name of the proficiency testing programme/scheme
1.	Cement	Density	PIO CEM/fhm Proficiency Testing Programe with subject matter cement, containing physical, chemical and mechanical testing SRPS B.C8.023:2021, т. 4
		Strength testing	SRPS EN 196-1:2017 (EN 196-1:2016)
		Chemical analysis of cement	SRPS EN 196-2:2015, т. 4 и т.5 (EN 196-2:2013, с. 4 and 5)
		Setting time and soundness	SRPS EN 196-3:2017 (EN 196-3:2016)
		Finenes of grind	SRPS EN 196-6:2019, т. 3 и 4 (EN 196-6:2018, с. 3 and 4)
		Hydratation heat – solution method	SRPS EN 196-8:2011 (EN 196-8:2010)
		Watersoluble chromium (VI) content	SRPS EN 196-10:2017 (EN 196-10:2016)

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2.	Noise	Environmental noise levels Occupational noise exposure level Sound power level of noise sources	PIO BUK/a Proficiency Testing Programme with subject matter noise, containing acoustical testing SRPS ISO 1996-1:2019; SRPS ISO 1996-2:2019 (ISO 1996-1:2016; ISO 1996-2:2017) SRPS EN ISO 9612:2016 (EN ISO 9612:2009) SRPS EN ISO 3744:2011 (EN ISO 3744:2010)

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3.	Sound insulation	Airborne sound insulation Impact sound insulation	PIO ZIZ/a Proficiency Testing Programme with subject matter sound insulation, containing acoustical testing SRPS EN ISO 16283-1:2016 SRPS EN ISO 16283-1:2016/A1:2018 (EN ISO 16283-1:2014, EN ISO 16283-1:2014/A1:2017) (ISO 16283-1:2014, ISO 16283-1:2014/Amd 1:2017) SRPS EN ISO 16283-2:2021 (EN ISO 16283-2:2020) (ISO 16283-2:2020)

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4.	Ceramic tiles	<p>Dimensions</p> <p>Water absorption, apparent porosity, apparent relative density and bulk density</p> <p>Modulus of rupture and breaking strength</p> <p>Resistance to deep abrasion for unglazed tiles</p>	<p>PIO KER/fm Proficiency Testing Programe with subject matter ceramic tiles, containing physical and mechanical testing</p> <p>SRPS EN ISO 10545-2:2019, изузев т. 9 (EN ISO 10545-2:2018, except c. 9)</p> <p>SRPS EN ISO 10545-3:2018 (EN ISO 10545-3:2018)</p> <p>SRPS EN ISO 10545-4:2019 (EN ISO 10545-4:2019)</p> <p>SRPS EN ISO 10545 - 6: 2015 (EN ISO 10545-6:2012) (ISO 10545-6:2010)</p>

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5.	Clay masonry units and roof tile	Compressive strength	PIO OPC /fm Proficiency Testing Programe with subject matter clay masonry units and roof tiles, containing physical and mechanical testing SRPS EN 772-1:2016 (EN 772-1:2011 + EN 772-1:2011/A1:2015)
		Net volume and percentage of voids of masonry units by hydrostatic weighing	SRPS EN 772-3:2010 (EN 772-3:1998)
		Initial rate of water absorption	SRPS EN 772-11:2012 (EN 772-11:2011)
		Net and gross dry density	SRPS EN 772-13:2010 (EN 772-13:2000)
		Dimensions	SRPS EN 772-16:2012 (EN 772-16:2011)
		Water absorption by cold water absorption	SRPS EN 772-21:2012 (EN 772-21:2011)
		Flexural strength test of clay roofing tiles	SRPS EN 538:2005 (EN 538:1994)
		Frost resistance of floor roofing tiles	SRPS EN 539-2:2014 (EN 539-2:2013)

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6.	Stone aggregate		PIO KAG /fm Proficiency Testing Programe with subject matter stone aggregate, containing physical and mechanical testing
		Particle size distribution – sieving method	SRPS EN 933-1:2013 (EN 933-1:2012)
		Particle shape – Shape index	SRPS EN 933-4:2010 (EN 933-4:2008)
		Resistance to wear (micro Deval)	SRPS EN 1097-1:2013 (EN 1097-1:2011)
		Resistance to fragmentation	SRPS EN 1097-2:2020, изузев т. 6 (EN 1097-2:2020, except c. 6)
		Loose bulk density and voids	SRPS EN 1097-3:2009 (EN 1097-3:1998)

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7.	Bitumen	<p>Needle penetration</p> <p>Softening point - Ring and Ball method</p> <p>Density and specific gravity - Capillary - stoppered pycnometer method</p>	<p>PIO BIT/f Proficiency Testing Programe with subject matter bitumen, containing physical testing</p> <p>SRPS EN 1426:2017 <i>(EN 1426:2015)</i></p> <p>SRPS EN 1427:2017 <i>(EN 1427:2015)</i></p> <p>SRPS EN 15326:2013 <i>(EN 15326:2007 + EN 15326:2007/A1:2009)</i></p>
8.	Thermal insulating products	<p>Compression behaviour</p> <p>Bending behaviour</p>	<p>PIO TIZ/fm Proficiency Testing Programe with subject matter thermal insulating products, containing phisical and mechanical testing</p> <p>SRPS EN 826:2013 <i>(EN 826:2013)</i></p> <p>SRPS EN 12089:2013 <i>(EN 12089:2013)</i></p>



Accreditation No. **09-001**

Valid from: 05.12.2022.

Replaces Scope dated: 11.10.2021.

This Scope of accreditation is valid only with Accreditation Certificate No **09-001**

Accreditation expiry date: 04.12.2026.



Acting Director *DP*

Dragan Pušara, Msc

Note: This Scope of accreditation in English is issued on 05.12.2022. on CAB's request.