



**INSTITUT IMS AD
BEOGRAD**

IMS Institute
Proficiency Testing Provider IMS Institute (PIMS)
 Bulevar vojvode Mišića 43, Belgrade, Serbia
 tel: +381 11 2650 322, fax: +381 11 3692 772, 3692 782
 imejl: provider@institutims.rs
 sajt: www.institutims.rs



ATS
09-001

PT
PROVIDER
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PROFICIENCY TESTING PROVIDER IMS INSTITUTE (PIMS) PROGRAMME FOR 2023.

Programme (scheme) code	Type of scheme	PT activity domain			Period of implementation****					Minimum participants	Cost per property/parameter (€)***
	Category of scheme: sim/seq/qual/quant	Subject of testing/product	Testing method	Properties/Parameters	Application (date/deadline)	Test item shipment (date)	Results delivery (date)	Test item return** (delivery deadline)	Final Report (date)		
PIO CEM/h 01/23	split sample scheme (simultaneous quantitative)	cement	EN 196-2 (a. 4)	wet chemistry chemical analyses	3. 3. '23.	31. 3. '23.	5. 5. '23.	--	9. 6. '23	11	400
			EN 196-2 (a. 5)	XRF spectroscopy chemical analyses							400
			EN 196-10	water-soluble chromium (VI) content of cement							250
PIO OPC/fm 01/23	split sample scheme (simultaneous quantitative)	clay brick	EN 772-1	compressive strength	10. 3. '23.	7. 4. '23.	12. 5. '23.	--	23. 6. '23	9	400
		tiles	EN 538	flexural strength							400
			EN 539-2	frost resistance							450
PIO BUK/a 01/23	comparing measurements (simultaneous quantitative)	environmental noise level (outdoors)	ISO 1996-1 ISO 1996-2	L _{Aeq} L _{AFmin} L _{AF5} L _{AF50} L _{AF95} L _{AFmax}	7. 4. '23.	8-12. 5. '23.	8-12. 5.'23	--	7. 7. '23	11	450

PZ 03

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** Applicable only for certain sequential schemes

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**** The realization period can be extended up to 15 days for objective reasons, with an explanation

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PIO KAG/fm 01/23	split sample scheme (simultaneous quantitative)	stone aggregate 10 – 14 mm	EN 1097-2 (except a. 6)	resistance to fragmentation – Los Angeles method	14. 4. '23.	19. 5. '23.	23. 6. '23.	--	28. 7. '23	11	350
		stone aggregate 2 – 4 mm	EN 1097-3	determination of loose bulk density and voids							350
		stone aggregate 0 – 2 mm	EN 933-9 (a. 9)*	geometric properties (methylene blue test)							350
PIO BIT/f 01/23	split sample scheme (simultaneous quantitative)	road bitumen	EN 1426	needle penetration	12. 5. '23.	16. 6. '23.	21. 7. '23.	--	25. 8. '23	9	300
			EN 1427	softening point – ring and ball method							300
PIO BIT/f 02/23	split sample scheme (simultaneous quantitative)	bitumen emulsion	EN 1428*	water content (distillation method)	19. 5. '23.	23. 6. '23.	28. 7. '23.	--	8. 9. '23.	9	Canceled due to insufficient number of participants
			EN 12846-1*	efflux time							300
PIO TIZ/fm 01/23	split sample scheme (simultaneous quantitative)	thermal insulation in buildings	EN 826	compression behavior	6. 6. '23.	10. 6. '23.	4. 8. '23.	--	22. 9. '23.	11	Canceled due to insufficient number of participants
			EN 12089	bending behaviour							300
PIO ASF/f 01/23	split sample scheme (simultaneous quantitative)	asphalt (bituminous) mixture	EN 12697-1 (proc. B.2.1)*	soluble binder content	2. 6. '23.	7. 7. '23.	11. 8. '23.	--	6. 10. '23	9	Canceled due to insufficient number of participants
			EN 12697-2*	particle size distribution							300
			EN 12697-6 (proc. B)*	bulk density							200

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PIO CEM/fm 02/23	split sample scheme (simultaneous quantitative)	cement	SRPS B.C8.023 (a. 4)	bulk density	4. 8. '23.	8. 9. '23.	3. 11. '23	--	17.11.'23	11	200
			EN 196-1	prism mass							200
				flexural strength (after 2, 7 & 28 days)							400
				compressive strength (after 2, 7 & 28 days)							400
				EN 196-3							standard consistency water content*
			determination of setting times								
			soundness								
			EN 196-6 (a. 3)	sieving method (90 and 45 µm)							250
EN 196-6 (a. 4)	air permeability – Blaine method	250									
PIO BUK/a 02/23	comparing measurements (sequential quantitative)	occupational (exposure) noise level	EN ISO 9612	L _{AEX8h}	8. 9. '23.	9-13.10.'23	9-13.10.23	--	1. 12. 23.	9	300

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PIO BUK/a 03/23	comparing measurements (sequential quantitative)	environmental noise level (indoors)	ISO 1996-1 ISO 1996-2	L_{Aeq} (ukupni, 63Hz–8kHz) $L_{Aeq,63Hz(1/1)}$ $L_{Aeq,125Hz(1/1)}$ $L_{Aeq,250Hz(1/1)}$ $L_{Aeq,500Hz(1/1)}$ $L_{Aeq,1kHz(1/1)}$ $L_{Aeq,2kHz(1/1)}$ $L_{Aeq,4kHz(1/1)}$ $L_{Aeq,8kHz(1/1)}$	8. 9. '23.	9-13.10.'23	9-13.10.23	--	15.12.23	9	450
PIO KAG/f 02/23	split sample scheme (simultaneous quantitative)	natural stone aggregate 4 – 16 mm	EN 933-1	particle size distribution (sieving method)	6. 10. '23.	10. 11. '23.	22. 12. '23	--	2. 2. '24	11	400

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