

	<p>Komitet za međulaboratorijska ispitivanja materijala KOMIM Beograd, Bulevar vojvode Mišića 43 Tel: 011/2650331; fax: 011/3692-772 Mat. Br. 17647598; PIB 104523641; Account No. 265167031000006317; Raiffeisenbank a.d.-Beograd Web: www.komim.rs; E-mail: komim.rs@gmail.com</p>	 <p>ATC 09-002 ПТ ПРОВАЈДЕР ISO/IEC 17043</p>
<p>INFORMATION SHEET PROFICIENCY TESTING SCHEMES – 2020</p>		

Organizer:	KOMIM
Registration:	Through the registration sheet
Aim:	Evaluation of technical performance of participating laboratory
Data assessment:	Standards SRPS ISO/IEC 17043 and ISO 13528
Confidentiality:	Every laboratory is assigned a specific lab code
Documentation:	Document (certificate) in case of successful participation (in Serbian or English) Final report (in Serbian language, in Latin letters)

PT-Hem-01-2020 Testing of steel chemical composition with available methods	Testing method standard:	Testing of steel chemical composition with available methods
	Material:	Austenitic corrosion resisting steel
	Testing program:	According to plan and program of PT scheme. Determination of: C, Si, Mn, P, S, Cr, Ni mass%.
	Testing schedule:	Every participating laboratory receive the samples
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure
	Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020

PT-Hem-01A-2020 Testing of steel chemical composition with available methods	Testing method standard:	Testing of steel chemical composition with available methods
	Material:	Carbon tool steel
	Testing program:	According to plan and program of PT scheme, Determination of: C, Si, Mn, P, S mass%.
	Testing schedule:	Every participating laboratory receive the samples
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure
	Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020



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**INFORMATION SHEET
PROFICIENCY TESTING SCHEMES – 2020**

PT-Meh-01-2020 Tensile testing of round steel bars	Testing method standard:	SRPS EN ISO 6892-1:2017 (EN ISO 6892-1:2016)
	Material:	Medium carbon steel bar $\varnothing 10$ mm
	Testing program:	According to plan and program of PT scheme. Samples dimension cca $\varnothing 10 \times 130$ mm x 6 pieces, for preparation of 5 test pieces $d_0 = 6$ mm, prepared according to testing method standard, and requirements of result submission form and instruction form. Test pieces are prepared by participants. Determination of: $R_{p0.2}$, R_m, A
	Testing schedule:	Every participating laboratory receive the samples
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure
	Participation fee:	18.000,00 RSD (180 €) + delivery expenses Estimated start of PT scheme: second half of 2020

PT-Meh-03-2020 Vickers hardness test of steel sample	Testing method standard:	SRPS EN ISO 6507-1:2018, HV10 (EN ISO 6507-1:2018)
	Material:	Steel
	Testing program:	According to plan and program of PT scheme. Samples dimension cca $\varnothing 30 \times 20$ mm. Determination of HV10 .
	Testing schedule:	Every participating laboratory receive the sample
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure
Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020	

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<p>INFORMATION SHEET PROFICIENCY TESTING SCHEMES – 2020</p>		

<p>PT-Met-01-2020</p> <p>Micrographic determination of the apparent grain size (ferritic steel)</p>	Testing method standard:	SRPS EN ISO 643:2014 (ISO 643:2012)
	Material:	Mostly ferritic steel
	Testing program:	According to plan and program of PT scheme. Determination of: 1. Grain size index G by comparison with standard charts for the measurement of grain size, 2. Grain size index G by counting to determine the average number of grains per unit area. According to testing method standard, and requirements of result submission form and instruction form.
	Testing schedule:	Every participating laboratory receive 2 micrographs (one for determination of point 1, and second for 2)
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Micrographic analysis according to instruction form.
Participation fee:	15.000,00 RSD (150 €) Estimated start of PT scheme: second half of 2020	

<p>* PT-Met-05-2020</p> <p>Micrographic method for assessing the distribution of carbides using referent photomicrographs</p>	Testing method standard:	ISO 5949:1983
	Material:	Barring steel 100Cr6
	Testing program:	According to plan and program of PT scheme. Determination of dimension and distribution of carbides using reference photomicrographs.
	Testing schedule:	Every participating laboratory receive the same micrograph
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value from participant results.
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Micrographic analysis according to instruction form.
Participation fee:	15.000,00 RSD (150 €) Estimated start of PT scheme: second half of 2020	
Note:	* PT scheme is not in the scope of accreditation	

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INFORMATION SHEET PROFICIENCY TESTING SHEMES – 2020		

*PT-IBR-03-2020 Magnetic particle testing of weld in steel sheet	Testing method standard:	SRPS EN ISO 17638:2017 (EN ISO 17638:2016)
	Material:	Steel sample with weld in middle which have defects detectable with testing method specified. Sample dimensions cca (200×200) mm, t =10 mm
	Testing program:	According to plan and program of PT scheme. Determination of: Type / Location / Size of indication
	Testing schedule:	Sequential participation schemes - proficiency test item is circulated successively from one participant to the next. Schedule and timetable will be defined subsequently.
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value by group of experts.
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure
	Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020
Note:	* PT scheme is not in the scope of accreditation	

*PT-IBR-05-2020 Radiographic testing of weld in steel sheet	Testing method standard:	SRPS EN ISO 17636-1:2014 (EN ISO 17636-1:2013)
	Material:	Steel sample with weld in middle which have defects detectable with testing method specified. Sample dimensions cca (200×200) mm, t =16 mm
	Testing program:	According to plan and program of PT scheme. Determination of: Type / Location / Size of indication
	Testing schedule:	Sequential participation schemes - proficiency test item is circulated successively from one participant to the next. Schedule and timetable will be defined subsequently.
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value by group of experts.
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	/
	Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020
Note:	* PT scheme is not in the scope of accreditation	

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<p>*PT-IBR-06-2020</p> <p>Ultrasonic thickness measurement</p>	Testing method standard:	SRPS EN ISO 16809:2019 (EN ISO 16809:2019) SRPS EN 14127:2016 - withdrawn
	Material:	Steel
	Testing program:	According to plan and program of PT scheme. Determination of sheet thickness by 5 measurements at 3 measuring places.
	Testing schedule:	Sequential participation schemes - proficiency test item is circulated successively from one participant to the next. Schedule and timetable will be defined subsequently.
	Results submission:	According to instructions given in results submission form
	Assigned value:	Consensus value by group of experts.
	Activities that are subcontracted, name and address of subcontractors:	No subcontracted activities
	Additional Information:	Measurement uncertainty according to requirements of testing method standard and laboratory procedure.
	Participation fee:	15.000,00 RSD (150 €) + delivery expenses Estimated start of PT scheme: second half of 2020
Note:	* PT scheme is not in the scope of accreditation	

The participants of the PT scheme, beside **samples**, also receive **result submission forms** and **instruction forms**.