

Information Proficiency Tests Metal 2009

General:

Organiser:	Institut für Eignungsprüfung IfEP, Marl
Registration:	By means of the attached form
Intention:	Confirmation of technical competence of participating laboratories
Data Evaluation:	Based on ISO/IEC-Guide 43 and ISO 13528
Confidentiality:	Each laboratory receives a specific code number
Documentation:	Certificate in case of successful participation; Confirmation of participation. Final report with a list of participants in alphabetical order with declaration of consent; Determination of measurement uncertainty according to the current standards and guidelines.

No. 0901 Hardness Testing Vickers	Test Standard:	ISO 6507, part 1, HV 1, HV 10/30
	Material:	Certified hardness block (MPA NRW Dortmund) Test material with similar hardness (to be prepared by participants)
	Test program:	5 Hardness measurements on CRM 5 Hardness measurements on test specimen
	Test sequence:	Each hardness block will be tested by several participants. The participants will be informed about the arrival of the specimens two weeks in advance.
	Results to be submitted:	5 Hardness values 5 Hardness values of test material
	Assigned Value	Certified reference value of MPA NRW Dortmund / Germany
	Additional information provided by organiser:	Confirmation of measurement uncertainty of each laboratory based on ISO 6507-1
	Participation fee:	HV 1 or HV 10/30: Germany 320 €; other countries: + Delivery costs* HV 1 and HV 10/30: Germany 480 €; other countries: + Delivery costs* estimated start FW 10/2009, Registration until 30.06.2009

No. 0902 Emission spectrometry Steel	Test Standard:	In house procedure
	Material:	Material similar to daily laboratory work 1) un-alloyed Steel 2) Low alloyed Steel
	Results to be submitted:	Elements specified by the organiser
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	Statements to measurement uncertainty
	Participation fee:	One Alloy: Germany 295 €; other countries: + Delivery costs* Two Alloys: Germany 530 €; other countries: + Delivery costs* estimated start FW 15/2009, Registration until 30.06.2009

No. 0903a Emission spectrometry (nonferrous - metals)	Test Standard:	in house procedure
	Material:	Material similar to daily laboratory work Al – cast alloy
	Results to be submitted:	Elements specified by the organiser
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	Statements to measurement uncertainty
	Participation fee:	Germany 255 €; other countries: + Delivery costs* estimated start FW 15/2009, Registration until 30.06.2009

No. 0903b Emission spectrometry (nonferrous - metals)	Test Standard:	in house procedure
	Material:	Material similar to daily laboratory work Nickel base alloy
	Results to be submitted:	Elements specified by the organiser
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	Statements to measurement uncertainty
	Participation fee:	Germany 275 €; other countries: + Delivery costs* estimated start FW 22/2009, Registration until 30.06.2009

* Prices exclusive of VAT; delivery costs, see www.ifep.eu

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No. 0904 Tensile test Steel for the reinforcement	Test Standard:	EN ISO 15630-1, EN 10002-1
	Material:	Reinforcing bars for machining in laboratory
	Specimen production:	prepared by participants
	Results to be submitted:	according to the test standard, additionally Young's Module and the Measurement Uncertainty (not evaluated)
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	influence of specimen production, estimation of measurement uncertainty of the test method
	Participation fee:	Germany 300 €; other countries: + Delivery costs* estimated start FW 25/2009, Registration until 30.06.2009
No. 0905 Indirect verification of salt spray test chamber	Test Standard:	EN ISO 9227
	Material:	working standard
	Specimen production:	prepared by organiser
	Results to be submitted:	mass loss
	Assigned Value:	Confirmation of individual measurement uncertainty
	Participation fee:	Germany 275 €; other countries: + Delivery costs* estimated start FW 19/2009, Registration until 30.06.2009
No. 0906 Radiographic testing	Test Standard:	in house procedure / EN 584-1
	Material:	Weld seam
	Results to be submitted:	number of flaws
	Assigned Value:	BAM reference value
	Test sequence:	Each is tested by several participants The participants will be informed about the arrival of the specimens two weeks in advance.
	Participation fee:	Germany 350 €; other countries: + Delivery costs* estimated start FW 36/2009, Registration until 30.09.2009
No. 0907 Tensile test steel solid bars	Test Standard:	EN 10002-1; Testing at room temperature
	Material:	6 bar stocks
	Specimen production:	prepared by the participants
	Results to be submitted:	according to the test standard, additionally Young's Module and the Measurement Uncertainty (not evaluated)
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	estimation of measurement uncertainty of the test method
	Participation fee:	Germany 290 €; other countries: + Delivery costs* estimated start FW 22/2009, Registration until 30.06.2009
No. 0908 Tensile test steel round bars	Test Standard:	EN 10002-1; Testing at room temperature
	Material:	6 round material steel $d_0 = 10 \text{ mm}$ sample head ISO thread M16, optional un-machined sample head ($d=18\text{mm}$)
	Specimen production:	prepared by organiser
	Results to be submitted:	according to the test standard, additionally Young's Module and the Measurement Uncertainty (not evaluated)
	Assigned Value:	consensus values calculated from the results of the participants
	Additional information provided by organiser:	estimation of measurement uncertainty of the test method
	Participation fee:	Germany 430 €; other countries: + Delivery costs* estimated start FW 40/2009, Registration until 30.09.2009

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No. 0909 Tensile test steel flat test pieces	Test Standard:	EN 10002-1; Testing at room temperature
	Material:	blank sheet for 6 samples, thickness 1 mm; geometry according to EN 10002-1, Annex B
	Specimen production:	prepared by the participants
	Results to be submitted:	according to the test standard, additionally Young's Module and the Measurement Uncertainty (not evaluated)
	Assigned Value:	reference value
	Additional information provided by organiser:	estimation of measurement uncertainty of the test method
	Participation fee:	Germany 295 €; other countries: + Delivery costs* estimated start FW 18/2009, Registration until 30.06.2009
No. 0910 Charpy impact testing	Test Standard:	ISO 148-1
	Material:	Flat material, Impact energy app. 20 J (RT), 50 J (RT), 100 J (RT)
	Specimen production:	By the participants (5 specimen), the position of the notch will be indicated by the organiser
	Specimen production:	5 values acc. to ISO 148 per tested energy level
	Assigned Value:	Consensus values calculated from the results of the participants
	Additional information provided by the organiser:	Statement of individual measurement uncertainty
	Participation fee:	One energy level: Germany 300 €; other countries: + Delivery costs* Two energy levels: Germany 480 €; other countries: + Delivery costs* Three energy levels: Germany 630 €; other countries: + Delivery costs* estimated start FW 38/2009, Registration until 30.09.2009
No. 0911 Metallography Determination of purity	Test Standard:	e.g. DIN 50602
	Material:	1 x prepared specimen, 1 un-prepared specimen
	Results to be submitted:	Determination of metallic inclusion
	Assigned Value:	Consensus value
	Participation fee:	Germany 295 €; other countries: + Delivery costs* estimated start FW 45/2009, Registration until 30.10.2009
No. 0912 Analysis of Ferro alloys (FeNb)	Test Standard:	ICP OES, XRF, gravimetric methods, combustion, infrared (IR)
	Material:	Material similar to daily laboratory work FeNb powder
	Results to be submitted:	Elements specified by the organiser
	Assigned Value:	consensus values calculated from the results of the participants
	Participation fee:	Germany 255 €; other countries: + Delivery costs* estimated start FW 45/2009, Registration until 30.10.2009
No. 0913 Additional service	Test Standard:	ISO IEC 17025
		Generation of a list, with a summary of all tests done (submitted parameters and assessment). This list is acknowledged by all mayor accreditation bodies.
	Fee:	75,00 €

* Prices exclusive of VAT; delivery costs, see www.ifep.eu

Registration Proficiency Tests Metal 2009

Please send the registration by fax to: +49(0) 2365 / 209 00 35 or by e-mail: Sorge@ifep.eu

We will participate in the following proficiency test(s):

No.	please mark	Proficiency test	Expected Start (FW 2009)	Return of the results	Participation fee
0901a	<input type="checkbox"/>	Hardness testing Vickers HV 1	10	1 week	a or b.: 320 € *
0901b	<input type="checkbox"/>	Hardness testing Vickers HV 10/30	10	1 week	a and b: 480 € *
0902a	<input type="checkbox"/>	EMS: unalloyed steel	15	2 weeks	1 Alloy: 295 € *
0902b	<input type="checkbox"/>	EMS: Low alloyed steel	15	2 weeks	2 Alloys: 530 € *
0903a	<input type="checkbox"/>	EMS: Al - Cast Alloy	15	2 weeks	255 € *
0903b	<input type="checkbox"/>	EMS: Ni - base Alloy	22	2 weeks	275 € *
0904	<input type="checkbox"/>	Tensile test steel reinforcement bars	25	4 weeks	300 € *
0905	<input type="checkbox"/>	Indirect verification of salt spray test chamber	19	5 weeks	275 € *
0906	<input type="checkbox"/>	Radiographic testing	36	1 week	350 € *
0907	<input type="checkbox"/>	Tensile test steel solid bars	22	4 weeks	290 € *
0908	<input type="checkbox"/>	Tensile test steel round bars	40	4 weeks	430 € *
0909	<input type="checkbox"/>	Tensile test steel flat test pieces	18	4 weeks	295 € *
0910a	<input type="checkbox"/>	Charpy impact testing 20J	38	5 weeks	1 level: 300 € *
0910b	<input type="checkbox"/>	Charpy impact testing 50J			2 levels: 480 € *
0910c	<input type="checkbox"/>	Charpy impact testing 100J			3 levels: 630 € *
0911	<input type="checkbox"/>	Determination of purity	45	4 weeks	295 € *
0912	<input type="checkbox"/>	Analysis of Ferro alloys	45	6 weeks	255 € *
0913	<input type="checkbox"/>	Summary of PTs done	---	---	75 €

* Prices for Germany excl. VAT, other countries: Delivery and duty costs will be added to participation fee, see www.ifep.eu

The costs have to be paid to Institut für Eignungsprüfung IfEP in advance. **Specimens will be sent to the participants upon payment by the participant.** The organiser will charge 25% of the fee if the registration is cancelled four weeks prior to the start of the proficiency test. For cancellations later than this, the full amount will be changed.

Company:		
Department:		
Contact person:	<input type="checkbox"/> Mrs. <input type="checkbox"/> Mr.	
		Date / signature /stamp
Address:		
ZIP Code / City:	Country:	<input type="checkbox"/> German <input type="checkbox"/> English
Telephone:	Fax:	E-Mail:
Billing address (if differing):		Delivery address (if differing):