

Information sheet

Proficiency tests metal 2017 ASTM

Organiser:	Institut für Eignungsprüfung IfEP GmbH, Marl, Germany
Registration:	By means of the attached form
Intention:	Confirmation of technical competence of participating laboratories
Data evaluation:	Based on ISO/IEC 17043 and ISO 13528
Confidentiality:	Each laboratory receives a specific code number
Documentation:	Certificate 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. Details for subcontracting of single parts: please see www.ifep.de , section „proficiency tests“

No. AS1701-1 Hardness testing Brinell	Test standard:	ASTM E10, HBW 2,5/187,5
	Material:	Certified reference hardness test block (MPA NRW Dortmund, Germany)
	Test program:	five hardness measurements on certified reference hardness test block
	Test sequence:	Each hardness test block will be tested by several participants. There will be an arrangement of the dates in advance.
	Results to be submitted:	five hardness values of the hardness test blocks
	Assigned value:	Certified reference values of MPA NRW Dortmund, Germany
	Additional information provided by organiser:	Statement to measurement uncertainty
	Participation fee:	Germany 330 €, other countries + transport costs* estimated start: II. quarter 2017

No. AS1701-2 Hardness testing Rockwell C	Test standard:	ASTM E18, HRC
	Material:	Certified reference hardness test blocks (MPA NRW Dortmund, Germany)
	Test program:	3 x five hardness measurements on certified reference hardness test blocks
	Test sequence:	Each hardness test block will be tested by several participants. There will be an arrangement of the dates in advance.
	Results to be submitted:	3 x five hardness values of the hardness test blocks
	Assigned value:	Certified reference values of MPA NRW Dortmund, Germany
	Additional information provided by organiser:	Statement to measurement uncertainty
	Participation fee:	Germany 330 €, other countries + transport costs* estimated start: II. quarter 2017

No. AS1701-3 Hardness testing Vickers	Test standard:	ASTM E384 / E92, HV 1, HV 10/HV 30
	Material:	Certified reference hardness test block (MPA NRW Dortmund, Germany)
	Test program:	five hardness measurements on certified reference hardness test block
	Test sequence:	Each hardness test block will be tested by several participants. There will be an arrangement of the dates in advance.
	Results to be submitted:	five hardness values of the hardness test blocks
	Assigned value:	Certified reference values of MPA NRW Dortmund, Germany
	Additional information provided by organiser:	Statement to measurement uncertainty
	Participation fee:	HV 1 or HV 10/HV 30: Germany 330 €, other countries + transport costs* HV 1 and HV 10/HV 30: Germany 490 €, other countries + transport costs* estimated start: II. quarter 2017

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No. AS1709 Tensile test steel (round specimens)	Test standard:	ASTM E8/E8M
	Material:	Standard samples: 6 round test specimens, steel, diameter = 9 mm, specimen head: ISO thread M16 (specimen 2, ASTM E8M) as per standard, Alternate samples: specimens with diameter = 6 mm (specimen 3, ASTM E8M), specimen head: ISO thread M10 and/or 6 material sections, diameter 26 mm, length 150 mm each.
	Production of specimens:	by the organiser / by the participants
	Results to be submitted:	Characteristic values according to the test standard, additionally "Young's Module" and the measurement uncertainty
	Assigned Value:	Consensus values calculated from the results of the participants
	Additional information:	Statement to the influence of specimen preparation, measurement uncertainty of the test method
	Participation fee:	AS1709M: Machined specimens: Germany 450 €, other countries + transport costs* AS1709U: Unmachined specimens: Germany 350 €, other countries + transport costs* Machined AND unmachined specimens: Germany 700 €, other countries + transport costs* estimated start: III. quarter 2017
No. AS1710-1 Tensile test steel flat specimens, 1 mm	Test standard:	ASTM E8/E8M
	Material:	6 flat specimens, steel, geometry according to ASTM E8/E8M (sheet type), thickness = 1 mm, width = 12,5 mm, and/or 6 material sections of about 32 x 280 mm ² each
	Production of specimens:	by the organiser / by the participants
	Results to be submitted:	Characteristic values according to the test standard, additionally "Young's Module" and the measurement uncertainty
	Assigned Value:	Consensus values calculated from the results of the participants
	Additional information:	Statement to the influence of specimen preparation, measurement uncertainty of the test method
	Participation fee:	AS1710-1M: Machined specimens: Germany 330 €, other countries + transport costs* AS1710-1U: Unmachined specimens: Germany 285 €, other countries + transport costs* Machined AND unmachined specimens: Germany 550 €, other countries + transport costs* estimated start: III. quarter 2017
No. AS1710-2 Tensile test steel flat specimens, 15 mm	Test standard:	ASTM E8/E8M
	Material:	6 flat specimens, steel, geometry according to ASTM E8/E8M (sheet type), thickness = 15 mm, width = 12,5 mm, and/or 6 material sections of about 37 x 400 mm ² each Min. force to break needed: 150 kN!
	Production of specimens:	by the organiser / by the participants
	Results to be submitted:	Characteristic values according to the test standard, additionally "Young's Module" and the measurement uncertainty
	Assigned Value:	Consensus values calculated from the results of the participants
	Additional information:	Statement to the influence of specimen preparation, measurement uncertainty of the test method
	Participation fee:	AS1710-2M: Machined specimens: Germany 370 €, other countries + transport costs* AS1710-2U: Unmachined specimens: Germany 330 €, other countries + transport costs* Machined AND unmachined specimens: Germany 620 €, other countries + transport costs* estimated start: III. quarter 2017

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No. AS1711 Charpy impact test ready to test specimens	Test standard:	ASTM E23 (8 mm striker)
	Material:	Charpy test specimens, impact energy low level (RT), average level (RT), high level (RT), super high level (RT)
	Production of specimens:	by the organiser
	Results to be submitted:	5 values according to ASTM E23 each energy level
	Assigned value:	consensus value, limits based on ASTM E23
	Additional information:	Statement to the measurement uncertainty of the test method
	Participation fee:	One energy level: Germany 310 €, other countries + transport costs* Two energy levels: Germany 490 €, other countries + transport costs* Three energy levels: Germany 630 €, other countries + transport costs* Four energy levels: Germany 760 €, other countries + transport costs* estimated start: III. quarter 2017

No. AS1711 Charpy impact test unmachined specimens	Test standard:	ASTM E23 (8 mm striker)
	Material:	Charpy test specimens, impact energy low level (RT), average level (RT), high level (RT), super high level (RT)
	Production of specimens:	by the participants
	Results to be submitted:	5 values according to ASTM E23 each energy level
	Assigned value:	consensus value, limits based on ASTM E23
	Additional information:	Statement to the measurement uncertainty of the test method
	Participation fee:	One energy level: Germany 250 €, other countries + transport costs* Two energy levels: Germany 400 €, other countries + transport costs* Three energy levels: Germany 525 €, other countries + transport costs* Four energy levels: Germany 660 €, other countries + transport costs* estimated start: III. quarter 2017

* Prices excl. valid VAT, transport costs, see www.ifep.eu

Registration proficiency tests metal 2017 ASTM
via fax to: **+49 (0) 2365 / 209 00 35** or via e-mail to: **Sorge@ifep.de**

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

No.	please mark	Proficiency test	Expected Start (quarter 2017)	Return of the results	Participation fee
AS1701-1	<input type="checkbox"/>	Hardness testing Brinell HBW 2,5/187,5, ASTM E10	II/2017	1 week	330 € *
AS1701-2	<input type="checkbox"/>	Hardness testing Rockwell C, ASTM E18	II/2017	1 week	330 € *
AS1701-3a	<input type="checkbox"/>	Hardness testing Vickers HV 1, ASTM E384	II/2017	1 week	AS1701-3a or AS1701-3b: total 330 € *
AS1701-3b	<input type="checkbox"/>	Hardness testing Vickers HV 10/HV 30, ASTM E92			AS1701-3a and AS1701-3b: total 490 € *
AS1709M	Standard samples: <input type="checkbox"/> Alternate samples: <input type="checkbox"/>	Tensile test steel round bars, ASTM E8/E8M, machined specimens	III/2017	4 weeks	AS1709M: 450 € * AS1709U: 350 € *
AS1709U	<input type="checkbox"/>	Tensile test steel round bars, ASTM E8/E8M, unmachined specimens	III/2017	4 weeks	AS1709M and AS1709U: total 700 € *
AS1710-1M	<input type="checkbox"/>	Tensile test steel flat specimens, ASTM E8/E8M, 1 mm, machined specimens	III/2017	4 weeks	AS1710-1M: 330 € * AS1710-1U: 285 € *
AS1710-1U	<input type="checkbox"/>	Tensile test steel flat specimens, ASTM E8/E8M, 1 mm, unmachined specimens	III/2017	4 weeks	AS1710-1M and AS1710-1U: total 550 € *
AS1710-2M	<input type="checkbox"/>	Tensile test steel flat specimens, ASTM E8/E8M, 15 mm, machined specimens	III/2017	4 weeks	AS1710-2M: 370 € * AS1710-2U: 330 € *
AS1710-2U	<input type="checkbox"/>	Tensile test steel flat specimens, ASTM E8/E8M, 15 mm, unmachined specimens	III/2017	4 weeks	AS1710-2M and AS1710-2U: total 620 €

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

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Please submit pages 4 and 5 for a binding order.

Registration proficiency tests metal 2017 ASTM: part 2

No.	please mark	Proficiency test	Expected Start (quarter 2017)	Return of the results	Participation fee
AS1711aM	<input type="checkbox"/>	Charpy impact test low level, ASTM E23, machined specimens	III/2017	4 weeks	1 level: total 310 €*
AS1711bM	<input type="checkbox"/>	Charpy impact test average level, ASTM E23, machined specimens			2 levels: total 490 €*
AS1711cM	<input type="checkbox"/>	Charpy impact test high level, ASTM E23, machined specimens			3 levels: total 630 €*
AS1711dM	<input type="checkbox"/>	Charpy impact test super high level, ASTM E23, machined specimens			4 levels: total 760 €*
AS1711aU	<input type="checkbox"/>	Charpy impact test low level, ASTM E23, unmachined specimens	III/2017	4 weeks	1 level: total 250 €*
AS1711bU	<input type="checkbox"/>	Charpy impact test average level, ASTM E23, unmachined specimens			2 levels: total 400 €*
AS1711cU	<input type="checkbox"/>	Charpy impact test high level, ASTM E23, unmachined specimens			3 levels: total 525 €*
AS1711dU	<input type="checkbox"/>	Charpy impact test super high level, ASTM E23, unmachined specimens			4 levels: total 660 €*

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

The costs will be invoiced by Institut für Eignungsprüfung IfEP GmbH in **advance**.

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 charged.

Company:			
Department:			
Contact person: <input type="checkbox"/> Ms. <input type="checkbox"/> Mr.			
Address:		Date / signature /stamp	
ZIP Code:	City:	Country:	<input type="checkbox"/> German <input type="checkbox"/> English
Telephone:	Fax:	E-Mail:	
<u>Necessary additional information:</u> Your VAT identification number:			
Billing address (only if differing):		Delivery address (only if differing):	
Further invoice-details, e.g. cost unit:			
I confirm with my signature that the service is carried out for my/our company (and not for a private person).			

Please submit pages 4 and 5 for a binding order.