

Information sheet

Proficiency tests metal 2016 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. AS1601-1 Hardness testing Brinell	Test standard:	ASTM E10, HBW 2,5/187,5 and/or HBW 10/3000
	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:	HBW 2,5/187,5 or HBW 10/3000: Germany 330 €; other countries + transport costs* HBW 2,5/187,5 and HBW 10/3000: Germany 490 €; other countries + transport costs* estimated start: II. quarter 2016

No. AS1601-2 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 2016

No. AS1609 Tensile test steel round bars	Test standard:	ASTM E8/E8M
	Material:	6 round specimens, steel, specimen diameter 9 mm, specimen head: ISO thread M16, special shapes possible against payment
	Production of specimens:	by the organiser
	Results to be submitted:	Characteristic values according to the test standard, additionally “Young's Module” and the measurement uncertainty
	Assigned value:	Consensus value calculated from the results of all the participants
	Additional information:	Confirmation of the individual measurement uncertainty of each laboratory
	Participation fee:	Germany 450 €; other countries + transport costs* estimated start: III. quarter 2016

No. AS1610 Tensile test steel flat tensile specimens	Test standard:	ASTM E8/E8M
	Material:	6 flat specimens, thickness approx. 1 mm, geometry according to ASTM E8/E8M
	Production of specimens:	by the organiser
	Results to be submitted:	Characteristic values according to the test standard, additionally “Young's Module” and the measurement uncertainty
	Assigned value:	Consensus value calculated from the results of all the participants
	Additional information:	Confirmation of the individual measurement uncertainty of each laboratory
	Participation fee:	Germany 330 €, other countries + transport costs* estimated start: II. quarter 2016

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

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No. AS1611 Charpy impact test	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:	Reference value, limits according to 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 2016
No. AS1615 Tensile test steel aircraft quality	Test standard:	ASTM E8/E8M
	Material:	6 round test specimens, steel, 15-5PH, to be tested at room temperature
	Production of specimens:	by the organiser, specimen diameter D = 6 mm, specimen head: ISO thread M10
	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 measurement uncertainty of the test method
	Participation fee:	Germany 450 €; other countries + transport costs* estimated start: III. quarter 2016
No. AS1616 Tensile test nickel-based alloy	Test standard:	ASTM E8/E8M
	Material:	6 round test specimens, Inconel 718, to be tested at 650 °C
	Production of specimens:	by the organiser, Specimen diameter D = 6 mm, specimen head: ISO thread M10
	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 measurement uncertainty of the test method
	Participation fee:	Germany 450 €; other countries + transport costs* estimated start: II. quarter 2016
No. AS1617 Tensile test titan alloy	Test standard:	ASTM E8/E8M
	Material:	6 round test specimens, Titan, 6Al-4V, to be tested at room temperature
	Production of specimens:	by the organiser, specimen diameter D = 6 mm, specimen head: ISO thread M10
	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 measurement uncertainty of the test method
	Participation fee:	Germany 450 €; other countries + transport costs* estimated start: II. quarter 2016
No. 1619 Stress rupture test nickel-based alloy	Test standard:	ASTM E139, BS EN ISO 204, ASTM E292
	Material:	Inconel 718
	Production of specimens:	by the organizer, according to ASTM E8, diameter 6 mm
	Results to be submitted:	Characteristic values according to the test standard
	Assigned value:	Consensus value calculated from the results of all the participants
	Additional information:	Measurement uncertainty of test procedure
	Participation fee:	Germany 450 €, other countries + transport costs* estimated start: IV. quarter 2016

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

Registration proficiency tests metal 2016 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 2016)	Return of the results	Participation fee
AS1601-1a	<input type="checkbox"/>	Hardness testing Brinell HBW 2,5/187,5, ASTM E10	II/2016	1 week	AS1601-1a or AS1601-1b: total 330 € *
AS1601-1b	<input type="checkbox"/>	Hardness testing Brinell HBW 10/3000, ASTM E10	II/2016	1 week	AS1601-1a and AS1601-1b: total 490 € *
AS1601-2	<input type="checkbox"/>	Hardness testing Rockwell C, ASTM E18	II/2016	1 week	330 € *
AS1609	<input type="checkbox"/>	Tensile test steel round bars, ASTM E8/E8M	III/2016	4 weeks	450 € *
AS1610	<input type="checkbox"/>	Tensile test steel flat specimens, ASTM E8/E8M	II/2016	4 weeks	330 € *
AS1611a	<input type="checkbox"/>	Charpy impact test low level, ASTM E23	III/2016	4 weeks	1 level: total 310 € * 2 levels: total 490 € * 3 levels: total 630 € * 4 levels: total 760 € *
AS1611b	<input type="checkbox"/>	Charpy impact test average level, ASTM E23			
AS1611c	<input type="checkbox"/>	Charpy impact test high level, ASTM E23			
AS1611d	<input type="checkbox"/>	Charpy impact test super high level, ASTM E23			
AS1615	<input type="checkbox"/>	Tensile test steel, aircraft quality, ASTM E8/E8M	III/2016	4 weeks	450 € *
AS1616	<input type="checkbox"/>	Tensile test nickel-based alloy, aircraft quality, ASTM E8/E8M	II/2016	4 weeks	450 € *
AS1617	<input type="checkbox"/>	Tensile test titan alloy, aircraft quality, ASTM E8/E8M	II/2016	4 weeks	450 € *
AS1619	<input type="checkbox"/>	Stress rupture test, nickel-based alloy, ASTM E139, BS EN ISO 204, ASTM E292	IV/2016	4 weeks	450 € *

* 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 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:	
Necessary additional information: Your companies' tax 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).			