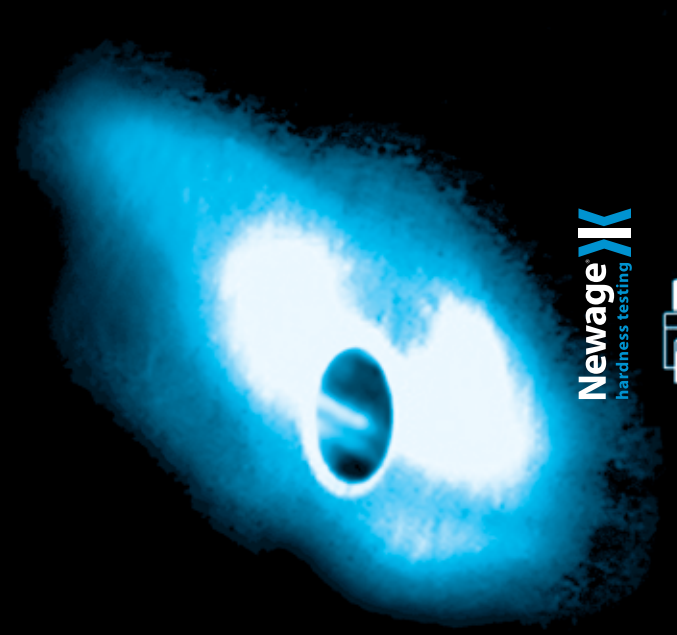
AMETEK
TEST & CALIBRATION INSTRUMENTS

A2LA-Accredited PROFICIENCY TESTING

(with a difference)

For Hardness Test Methods:

ROCKWELL
BRINELL
VICKERS
MICROINDENTATION
LEEB



Newage hardness testing

ACCREDITED

Proficiency Cert # 1734.02

PROFICIENCY TESTING APPLICATION

To enroll in a proficiency test please complete the following form and return to Newage along with payment information. Be sure to include selections for all test methods and options including test loads for Brinell, Microhardness, or Vickers Macrohardness. Available sample(s) will be sent promptly, following approval.

Your ship-to address (for samples):

Name _____ Title _____

Organization _____

Street (no P.O. Boxes) _____

Street2 (no P.O. Boxes) _____

City _____ ST _____ ZIP _____

Country _____ Accreditation source (A2LA, LAB, etc) _____

Tel _____ Fax _____

Email _____

Method of Payment:

□ Check (US banks only): ***Mail to (with payment and form enclosed):*** Attn: Rick Miller, Newage Testing Instruments 205 Keith Valley Road, Horsham, PA 19044

□ Open Account: ***Mail/Fax form with purchase order*** *(net 30)* (For current Newage open-account customers only)

□ Credit Card: ***Fax this form (if credit card payment)*** Attn: Rick Miller, Fax: 215-354-1803

□ Visa □ MC □ AMEX

Signature _____

Name on card _____

Account number _____ Expiration Date ____/____

Credit Card bill to address, if different then shown _____

Select hardness method and options:

TEST METHOD	PARAMETERS/SELECTIONS	COST
□ Rockwell (E-18)	Scale(s) □ C □ B □ A □15N □ 30T Other _____	$400/scale
	If B, 30T or other ball scale, select indenter type: □ Steel □ Carbide	
□ Brinell (E-10)	Loads: □ 3000 kgf □ 500 kgf (All testing with 10mm carbide ball)	$400/selection
□ Microhardness (E-384)	Vickers: □ 100 gf □ 300 gf □ 500 gf Knoop: □ 100 gf □ 500 gf	$400/selection
□ Macro Vickers (E-92)	[10 kgf]	$400
□ Leeb (A-956)	Scale D only □	$400

Terms and Conditions: Payment terms are prepaid by either credit card (VISA MasterCard, American Express), purchase order with net 30 payment terms (for current open-account custom-ers only) or check in advance (US banks only and payable to Newage Testing Instruments, Inc. and mailed to 205 Keith Valley Road, Horsham, PA 19044) for a single lab and single set of criteria (scale, load, indenter type, etc) in a single round of testing. Work will not commence until payment is complete, with the exception payment via purchase order. All charges are shown in US dollars. Charges shown include the cost of ground shipment to participant (within the continental USA). Return shipment is responsibility of participant. Laboratories outside continental US will incur additional charges - please contact Newage Proficiency Testing Department for pricing. Newage will not accept terms other than these for Proficiency Testing.

Newage hardness testing

205 Keith Valley Road, Horsham, PA 19044 USA; Tel: 215-355-6900; Fax: 215-354-1803; newage.info@ametek.com www.hardnesstesters.com

Important Considerations in Selecting a Proficiency Testing Provider

Are you required to do proficiency testing to maintain a hardness test accreditation?

Most laboratories that are accredited to ISO IEC 17025 are required to participate in some form of proficiency testing for each discipline in which they are accredited. If you are an A2LA accredited laboratory, participation is a requirement. The purpose of Proficiency Testing is to ensure that the results you are providing are correct. This applies whether you are a calibration provider or a laboratory services provider.

Who provides A2LA-accredited hardness tester proficiency testing?

Newage Testing Instruments is now accredited by A2LA as a provider of proficiency testing in many hardness scales: Rockwell, Brinell, Micro, Macro Vickers, and Leeb. In fact, in most of these scales Newage is the first and currently the only company accredited by A2LA.

Who is Newage?

Newage has been manufacturing and distributing hardness testing instruments for nearly 60 years. Our expertise, specialization, and commitment to hardness testing is unrivaled in the industry. Therefore, we feel our ability to administer proficiency testing for those involved in hardness testing is unmatched as well. Our goal is not only to determine proficiency, but also to help those deemed to be not proficient, to quickly determine possible causes, and to make recommendations for corrections.

What is the Scheme?

Newage will send the participant a test standard of a known value but which is unknown to the participant. This standard will be tested by the participant and returned to Newage along with the test values obtained. Newage will enter these values into a spreadsheet and determine pass/fail proficiency.

Advantages to using Newage as a Proficiency Test Provider

Advantage 1

Your results are compared within an absolute context - not relative.

As a consequence, your company will have a clearer idea of its proficiency. Most providers compare your test values only to the data supplied by others in a round-robin format, which in essence provides only a relative view of your company's proficiency. Newage compares your data to a single set of master values and to allowable tolerances.

Advantage 2

Your company can do proficiency testing whenever it suits you.

Most services require the testing be done together with a group of other companies so participants cannot necessarily get the tests when desired or needed. In contrast, Newage sends out serialized blocks that are traceable to NIST or manufactured according to industry standards, participants test the samples as they would other samples and fill out a form with the readings - any time they choose.

Advantage 3

You will receive results quickly.

After receiving the samples, the test values will be entered into a spreadsheet and the data analyzed in accordance with a formula taken from the ISO standard to determine a pass/fail outcome based on the known mean for the sample. Results will be returned within two weeks.

Newage® hardness testing

Newage Testing Instruments

ACCREDITED Proficiency Cert # 1734.02

SCOPE OF ACCREDITATION

This Proficiency Testing Provider has been found to meet the requirements of ISO/IEC 17043:2010, "Conformity assessment - General requirement for proficiency testing". Therefore, in recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this provider to offer the following proficiency testing programs:

I. Rockwell

The Rockwell Hardness proficiency is intended to evaluate the ability of the laboratory to measure Rockwell Hardness within the stated uncertainty. The artifacts are highly consistent Rockwell Tests Blocks with traceability to NIST or to industry standards. The program is offered in the scales listed in ASTM E-18.

II. Brinell

The Brinell Hardness proficiency is intended to evaluate the ability of the laboratory to measure Brinell Hardness within the stated uncertainty. The artifacts are highly consistent Brinell Test Blocks with traceability to NIST or to industry standards. The program is offered in the scales listed in ASTM E-10.

III. Vickers

The Vickers hardness proficiency is intended to evaluate the ability of the laboratory to measure Vickers Hardness within the stated uncertainty. The artifacts are highly consistent Vickers Test Blocks with traceability to NIST or industry standards. The program is offered in the Scales listed in ASTM E-92.

IV. Microindentation Hardness

The Microhardness Hardness proficiency is intended to evaluate the ability of the laboratory to measure Microhardness Hardness within the stated uncertainty. The artifacts are highly consistent Micro Vickers or Knoop Test Blocks with traceability to NIST or to industry standards. The program is offered in the scales listed in the ASTM E-384.

V. Leeb Hardness

The Leeb Hardness proficiency is intended to evaluate the ability of the laboratory to measure Leeb Hardness within the stated uncertainty. The artifacts are highly consistent Leeb Test Blocks with traceability to NIST or industry standards. The program is offered in the Scales listed in ASTM A-956.

Please use form on reverse side ▷