

A2LA-Accredited PROFICIENCY TESTING

(with a difference)

For Hardness Test Methods:

ROCKWELL
BRINELL
VICKERS
MICROINDENTATION
DUROMETER
LEEB

Newage Testing Instruments, Inc.



Proficiency Cert # 1734.02

PROFICIENCY TESTING APPLICATION

To enroll in a proficiency test please complete the following form and return to Newage along with a check or credit card number. Be sure to include selections for all test methods and options including test loads for Brinell, Microhardness, or Vickers Macrohardness. Newage will reply with a confirmation and samples will be sent promptly.

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: PT Mgr, Newage Testing Instruments
820 Pennsylvania Blvd, Feasterville, PA 18966
 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: PT Mgr, Fax: 215-354-1803
 Visa MC AMEX

Signature _____
Name on card _____
Account number _____
Expiration Date _____ Code (usually 3 or 4 digit)

Select hardness method and options:

TEST METHOD	PARAMETERS/SELECTIONS	COST
<input type="checkbox"/> Rockwell (E-18)	Scale(s) <input type="checkbox"/> C <input type="checkbox"/> B <input type="checkbox"/> A <input type="checkbox"/> 15N <input type="checkbox"/> 30T Other _____ If B, 30T or other ball scale, select indenter type: <input type="checkbox"/> Steel <input type="checkbox"/> Carbide Loads: <input type="checkbox"/> 3000 kgf <input type="checkbox"/> 500 kgf (All testing with 10mm ball) Vickers: <input type="checkbox"/> 100 gf <input type="checkbox"/> 300 gf <input type="checkbox"/> 500 gf <input type="checkbox"/> 100 gf <input type="checkbox"/> 500 gf [10 kgf]	\$368/Scale \$368/selection \$368/selection \$368/Scale
<input type="checkbox"/> Brinell (E-10)	Vickers: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> OO	\$368/Scale
<input type="checkbox"/> Microhardness (E-384)	Scale(s) <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> OO	\$368/Scale
<input type="checkbox"/> Macro Vickers (E-92)	Scale(s) <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> OO	\$368/Scale
<input type="checkbox"/> Durometer (D-2240)	Scale(s) <input type="checkbox"/> Micro <input type="checkbox"/> Soft <input type="checkbox"/> Regular	\$368/Scale
<input type="checkbox"/> IRHD (D-1415)		\$368
<input type="checkbox"/> Leeb (A-956)		\$368

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 customers only) or check in advance (US banks only and payable to Newage Testing Instruments, Inc. and mailed to 820 Pennsylvania Blvd, Feasterville, PA 19053) 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 shipping charges - please contact Newage Proficiency Testing Department for pricing. Newage will not accept terms other than these for Proficiency Testing.

NEWAGE
Testing Instruments, Inc.

An AMETEK Company



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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, Durometer, IRHD, 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 over 50 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

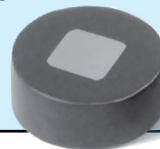
Your company can do proficiency testing whenever it suits you.

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 within days.

Within three business days 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. Additionally, the block itself will be examined to verify proper test procedures were followed in making the impressions and irregularities will be noted. Results will be returned within one day of evaluation.



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SCOPE OF ACCREDITATION

This Proficiency Testing Provider has been found to meet the requirements of ILAC Guide 13: "Guidelines for the Requirements for the Competence of Providers of Proficiency Testing Schemes" (based on ISO/IEC Guide 43-1:1997, relevant elements of ISO/IEC 17025:1999, and relevant ISO 9001-1994 requirements). 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. Durometer

The Durometer Hardness proficiency is intended to evaluate the ability of the laboratory to measure Durometer Hardness within the stated uncertainty. The artifacts are highly consistent Durometer test blocks with traceability to NIST or to industry standards. The program is offered in the scales listed in ASTM D-1415 and D-2240.

VI. 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.

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Please use form
on reverse side