



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

P3T LAB – POLYURETHANE PHYSICAL PROPERTY TESTING LABORATORY
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MECHANICAL

Valid To: March 31, 2019

Certificate Number: 2050.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on polyurethane foam (flexible and semi-rigid), foam / fiberglass laminated boards and foam / fabric laminated rolls:

Test Description

Test Method(s)

Adhesion

ASTM D413 (A, B), D751 (11-16, 45-48), D903, D1623, D5035;
Chrysler 463LB-10-01; LP-463TB-3-01(A);
ESX 83220 (4.23);
Fiat 9.03160 (2.12);
FLTM BN 151-05;
GM 3602M (3.5, withdrawn June 2004)¹, 9207P (3.1), 9986183 (3.2.2.1), 9986242 (3.6, withdrawn August 2005)¹;
GMW 14892 (3.1.5); GMW 3220;
HES D6506-00 (5.24);
Honda 98M-8320Z-S84-0000 (5.6), 8320Z-SDA-000;
ISO 8510-2
7060Z-SDN-A000;
NES 87000 NDS00;
TSF 6250G (7.8), TSF 7752G (5.8); HTSF 7762G (5.6);
BSDA 1250 (7.9);
TSL 2105G (4.11), 5100G (4.5), 3616G (6.1.1);
TSM 7100G (4.13); BSDM 7100 (4.13);
TSK 6712G (6.3.2) (6.3.8.1)
50441/05;
LP.7M008

Aged Load Loss

ESB-M2D221-D (3.5);
WSB-M2D402-A3 (3.6.12)

Aged Weight Loss

ESB-M2D297-A4 (3.13);
WSB-M2D456-A (3.5.1)

Test Description**Test Method(s)**

Air Permeability	AS 2282.14-1999; ASTM D737, D3574 (G); GM 251M (4.1 withdrawn February 1996) ¹ ; HES D6506-00 (5.17); ISO 9237; JIS K6400 (13); TSL 2107G (4.1); TSM 7100G (4.15); BSDM 7100 (4.15); TSK 6712 (6.1.13)
Ash Content	AS 2282.16-1999; ASTM D586 withdrawn 2009) ¹ , D1278 (14-17); Fiat 7.M8300 (1.10)
Ball Rebound	AS 2282.11-1999; ASTM D3574 (H); ESB-M2D221 (3.17); ESX 83218 (4.15); FM-LOS-ST-10-6-01E (4.7.5); GMW 14093 (3.2.3); ISO 8307; JASO B 408-89 (6.7); JIS K6400 (9), K6401 (2); NES M0086; TS Tech Honda (4-6); TSM 7100G (4.7); BSDM 7100 (4.7); Volvo STD 1024.1311; WSB-M2D402-A3 (3.6.16), WSS-M15P6-D (3.7)
Cell Count	AS 2282.5-1999; WSD-M2D243-A2 (3.5.8), -A4 (3.5.8), -A5 (3.5.8); WSS-M2D491-A1 (3.5.8)
Circular Modulus	TSL 2104G (4.8)
Cleanability	Chrysler LP-463KC-04-01 (Procedures 1 and 2); GM 6291M (3.1.2 withdrawn February 2003) ¹
Coefficient of Friction	ASTM D1894
Coefficient of Linear Thermal Expansion	TSL 3616 (6.2.9); TSM 5725G (7.3.2.3), 5754G (4.8), 6729G (5.8), 5743G (7.2.1)
Cold Cracking	Fiat 9.03138 (2.15.1); TSF 6250 (7.7), BSDA 1250 (7.8); TSK 7707G (6.12); WSS-M99-P29-A (3.4.3.2); DBL 5306 (7.3), DBL 5471; LP -463KB-28-01; 7060Z-SDN-A000 (5-21)
Cold (Low Temperature) Flexibility	ASTM D1056 (Section 57-61) Suffix F1; ESA M4D57-A (3.1.8), M4D200-B (3.1.8); ESF-M4D155-A (3.8); ESH-M4D291-F (3.1.8); Fiat 7M8300 (1.9), 9.03138 (2.15.2); FLTM BN 102-01;

Test Description**Test Method(s)**

Cold (Low Temperature) Flexibility (cont'd)	GM 251M (Table 1 withdrawn February 2011) ¹ ; Honda 7426Z-S3V-A000 (4.2.5); MS-AY 301, 303, 326, 349, 350, 355, 545; 358 (4.2.1); WSS M15P2-C, M99-P32-A; DBL 5455 (4.9)
Cold Resistance	MS-AY 310; TSK 7707G (6.5, 6.13)
Color	SAE J1767; VW 50190; ISO 105-A05; LP.7M029(A)
Compression and Recovery	ESB-M17H93-C2, C3, C4 (3.4.9)
Compression Deflection Stress	ISO 3386-1, 3386-2
Compression Force Deflection	ASTM D1056 (17-22, 35-42), D3574 (C); BS 4443-2-7; DIN 53577; ESX 83218 (4.4, 4.7); GME 60283-5 (withdrawn May 2010) ¹ ISO 844, 6916-2 (Annex B); JIS K6400 (Annex); Kia MS200-34 (4.7, 4.8); Renault D47 1003; TSK 6712G (6.1.2); TSM 6716G (4.8.2, 4.8.3), 7100G (4.3, 4.4); Fiat 50423 (2)
Compression Load Deflection Change	ESB-M2D221 (3.5.2); FLTM BO 13-2
Compression Ratio and Recovery	Honda 8330Z-SDCA-A000 (4.2.3)
Compression Set	AS 2282.9-1999; ASTM D1056 (50-56), D3574 (D), D3575 (B); BS 4443-1-6A; DIN 53572; ESX 83218 (4.9); Fiat 7M8300 (1.6); FLTM BN 115-07; FM-LOS-ST-10-6-01E (4.7.6); GME 60 283-4 (B2, C2, B4 withdrawn May 2010) ¹ Honda 7426Z-S3V-A000 (4.3.3); Hyundai MS-200-34; ISO 815-1, 1856, 6916-2 (Annex D); JASO B 408-89 (6.9); JIS K6301 (10), K6400 (7); NES M0086 (8); Renault D45 1046; TS Tech Honda (4-8-1); TSK 6712G (6.1.5.1); TSM 5725G (7.1.2.3), 7100G (4.8); Volvo STD 1024.1111; Fiat 50423 (3.1); BDSM 7100 (4.8.1); TSM 5743G (7.1.2)

Test Description**Test Method(s)**

Compressive Strength	ASTM D1621 (A), D3575 (D); DIN 53421; FLTM BO 115-08; PV 3919; TSL 3608G (4.7); TSM 5725G (7.1), 6729G (5.6), 5743G (7.1.2)
Conditioning	AS 2282.1-1999; ASTM D3574 (6); GMW 3221 (A & B); BSDM 7100 (3.1)
Crease	GM 9201P; WSS M8P3 (3.29.1), M8P18 (3.13.2)
Curling	GM 2737M (5.9 withdrawn June 1999); GMW 4089; WSS-M8P18-A1/A2/A3/A4 (3.19), WSS-M8P18-B1/B2/B3/B4 (3.11.4)
Density	AS 2282.3, -.4-1999; ASTM C271/C271M, D1056 (61-66), D1622, D3574 (A), D3575 Suffix A (B); BS 4443-1-2; ESX 83218; FM-LOS-ST-10-6-01E (4.7.1); Fiat 7M8300 (1.14); GME 60283-1 (withdrawn May 2010) ¹ HES D6506-00 (5.1); Honda 8330Z-SDCA-A000 (4.2.1), 7426Z-S3V-A000; Hyundai MS-200-34; ISO 845; JASO B 408-89 (6.1); JIS K6400 (5); NES M0086 (4); Renault D45 1045; TS Tech Honda (4-1); TSK 7707G (6.1), 6712G (6.1.1); TSL 3608G, (4.3); TSM 5725G (7.1.2), 6729G, 7100G (4.1); 5743G (7.11); Volvo STD 1026.6122; 50423 (3.3); BSDL 2603 (5.3); BSDM 7100 (4.1)
Dimensional Stability	ASTM D2126, D3574 (K), D3575 Suffix S; DIN 53424 (3); GMW 4217, GMW 15725; Honda 98M-8320Z-S84-0000 (5.23), 7060Z-SDN-A000, 8320Z-SDA-000; ISO 2796; MS DC600 (Table 3.8); NES D6505 (5.25, 5.26), M0086 (9); SAE J315 (3.15), J883; TL 52685 (8.5); TSL 2104G (4.5), 3616 (6.2.7, 6.2.8); TSM 5725G (7.3), 6729G (5.7), 5743G (7.2.2); WB 0001 (3.3.1);

Test Description**Test Method(s)**

Dimensional Stability (cont'd)

WSS-M2D494-A1 (3.5.1)

Dry Heat Aging

ASTM D3574 (K), D 1056 (35-42), D573;
Chrysler LP-463LB-13-01; LP-463CB10-01;
ESX 83218 (4.4a);
FIAT AUTO 9.03139 (2.12.2), 7M8300 (2.3);
GME 60283-6 (withdrawn July 2007)¹
GMW 14358;
Honda 98M-8320Z-S84-0000 (5.2); 7060Z-SDN-A000 (5.2);
ISO 2440;
Kia MS200-34 (4.4);
TSF 6250 (7.6), 7754G (5.6)(5.8.2) BSDA 1250 (7.7);
TSK 7707G (6.10), 6712G (6.19);
TSM 7100G (4.11); BSDM 7100 (4.11);
Volvo STD 1027.2221

Effect of Liquids

ASTM D896;
ISO 1817 (7.2, 7.3, 7.4)

Environmental Aging

AS 2282.10-1999;
Chrysler 463LB-12-01;
FIAT AUTO 9.03137 (2.14.2), 9.03138 (2.14);
GM 9200P, 9505P (Cycles: H, M, N, P withdrawn July 1988)¹
GMW 14124 (Cycles: H, M, N, P, Q, R, S, T, W);
Honda 98M-8320Z-S84-0000 (5.4);
ISO 2440;
SK-M98D9736-A;
TSF 6250G (7.4), 7754G (5.8); BSDA 1250 (7.4);
TSM 5725G (3, 4, 5, 6), 7100G (4.10),
6729G (5.6.2, 5.6.3, 5.6.4, 5.6.5, 5.6.6);
BSDM 7100 (4.10); TSK 6712G (6.1.11) (6.1.12);
WSB-M2D403-A3 (3.4.7);
WSS-M99-P29-A (3.4.7)

Fatigue Resistance
by Roller Shear

AS 2282.12-1999 (Method B);
ASTM D3574 (I2);
FLTM BO 12-4

by Constant Force Pounding

ASTM D3574 (I3);
ESX 83218 (4.10);
Honda 7426Z-S3V-A000 (4.3.4), 8330Z-SDCA-A000;
Hyundai MS-200-34 (4.10);
ISO 3385;
JASO B 408-89 (6.8);
JIS K6382, K6400 (8);
NES M0086 (11);
TS Tech Honda (4-7);
TSK 6712 (6.1.8);
TSM 7100G (4.9); BSDM 7100 (4.9)

by Static Force

AS 2282.12-1999 (Method A);
ASTM D3574 (I1)

Flammability

CAL 117, CAL 117-2000, Section A, Part I, Vertical Burn;
CAL 117-2000, Section D, Part II, Smoldering;
TL 1011; UFAC – 1990 (Part A)

Test Description**Test Method(s)**

Flammability (cont'd)

UL 94 (*except section 10, Radiant Panel Flame Spread Test*);
NFPA 260

Flammability, Horizontal Burn

ASTM D5132;
CMVSS 302;
DIN 75200;
ES-E97B-1011014-AA;
ESX 60410;
FIAT AUTO STD 7-G200;
FLTM BN 024-02;
FM-LOS-ST-10-6-01E (4.7.7);
FMVSS 302, DBL 5307;
GB 8410;
GM 9070P (withdrawn September 2011)¹
GMW 3232;
HES C206-99 (A), D6003;
ISO 3795;
MS.90095;
JIS K6400 (12);
Kia MS300-08;
MES CF 050;
MS JP 9-4;
NES M0094;
PV 3357;
Renault D45 1333;
SAE J369;
TSM 0500G, 0504G (A); BSDM 0500; HTSM 0500G;
Volvo STD 5031, 5031.1, 104-0001;
VW TL 1010

Flexibility

ESB M2D221 (3.5.3), M2D243-A (3.3.8.2),
M2D297-A4 (3.12), M4D113 (3.4.2), M4D262-C (3.4.2),
M17H93 (3.4.3);
FLTM BN 102-01, BO 012-01;
WSB M2D402-A3 (3.6.13), M17H93-C7 (3.6.6)

Flexural Modulus

ASTM C203, D790 (A);
DIN 53423;
GMW 14278 (4.4);
Honda 8320Z-SDA-0000 (6.17), 98M-8320Z-S84-0000 (5.21),
7060Z-SDN-A000 (5.11), 8460Z-TX6-0000;
ISO 178; ISO 14125;
JCI-OHS-028;
SAE J949;
TSL 3616 (6.2.5)

Fogging

Chrysler LP-463DB-12-01;
DIN 75201;
GM 9305P (withdrawn January 1992)¹
GMW 3235;
FM-LOS-ST-10-6-01E (4.7.9);
NES M0086;
Renault D 45 1727;
PV 3015;
SAE J1756;
TSM 0503G; BSDM 0503; HTSM 0503G;
Volvo STD 1027.2711, 1027.2719

<u>Test Description</u>	<u>Test Method(s)</u>
Friability	ASTM C421
Gloss	ASTM D523; LP.7M032(A)
Heat Aged Weight Loss	Honda 7426Z-S3V-A000 (4.2.6); MS-AY 352 (Table 1)
Heat and Humidity Discoloration Resistance	Chrysler LP-463LB-13-01; GM 9131P; GMW 14196 (3.11.2), 15725 (4.4, 4.5.1); NES 8700 NDS00 (12.1.1); PV 3959
Humidity Aging	ASTM D2126, D3574 (J1, J2); BSDA 1250 (7.5); FLTM BO 12-1; GME 60 283-5E (withdrawn July 2007) ¹ GMW 14357; GMW14729 Option B; GMW 14444 (4.4.10); ISO 2440; JASO B 408-89 (6.11); JIS K6400 (2); Renault 1637; TS Tech Honda (4-8-2); TSK 7707G (6.11); TSF 7754G (5.7) (5.8.3); TSM 7100G (4.8); TSK 6712G (6.1.10); BSDM 700 (4.12) Volvo STD 1027.2421; 7060Z-SDN-A000 (5-3)
Hydrolytic Stability	GM 9231P
Hysteresis Loss of Foams	ASTM D3574 (N); JASO B408-89 (6.3); JIS K6400 (Annex); TS Tech Honda (4-3-5); TSM 7100G (4.3); BSDM 7100 (4.3); TSK 6712G (6.1.2.2); PV 3427; D45 5128; FLTM BO 121-01
Hot creep	7060Z-SDN-A000 (5-5); TSK 6712G (6.3.8.2)
Ignitability of Upholstered Furniture	SN EN 1021-1, -2; ISO 8191-1, -2; ISO 7176
Indentation Force Deflection	AS 2282.8-1999; ASTM D3574 (B1, B2); BS 4443-2-7; DIN 53576, 53579 (T1); ESX 83218 (4.7); FIAT Auto STD 7.M8300 (D/1); FIAT MS 50430/02; FLTM BO 12-1; FLTM BO 121-01; FM-LOS-ST-10-6-01E (4.7.2); GM 6084M (3.11 withdrawn June 2004) ¹ GME 60 283-7B (withdrawn May 2005) ¹ GMW 14359, 14363; ISO 2439, 3385;

Test Description**Test Method(s)**

Indentation Force Deflection (cont'd)	JASO B 408-89 (6.2); JIS K6382 (5.3), K6400; Kia MS200-34 (4.7, 4.8); MS DC-649 (Appendix A); MS DC69<S> (Table 2); NES M0086 (5); SAE J815; TS Tech Honda (4-2); TSK 7707G (6.14); TSK 6712G (6.1.2.1); TSM 6716G (4.8.2), 7100G (4.2, 4.3); BSDM 7100 (4.2); Volvo STD 1024.3131
Inverted Bending Test	ASTM D1388 Option A; GMW 3390; TSL 2104G (4.9)
Linear Dimensions	AS 2282.02-1999; ISO 1923; Volvo STD 1022.2315
Load Height Change (Loss)	ESB M2D221 (3.5.1), M17H93-C1, C2, C3, C4, C5, C6 (3.4.2)
Low Temperature Load Compression	ESB M2D221 (3.6), M2D243-A (3.3.9), M4D262 (3.5)
Mass per Area	ASTM D3776 (Option C), D5261; FLTM BN 106-01; GM 2737M (5.1 withdrawn June 1999) ¹ GMW 3182; SAE J860; TSL 2104G (4.1); BSDL 2603 (5.2)
Mildew Resistance	ESB-M2D297-A4 (3.11); FIS 1225; GM 9128P (withdrawn September 1988) ¹ GMW 3259; WSS-M99-P32-A (3.15), WSS-M99P32C (3.7), WSS-M15P27F (3.10)
Moisture Uptake	GMW 14777; WSS-M2D491-A1 (3.5.14), WSS-M99P-32C (3.11)
Odor	ESB-M2D221 (3.8), M4D262 (3.7); ESX 62101, 32102, 83220, 83218; FIS 1225; FLTM BO 131-01, BO 131-03; FM-LOS-ST-10-6-01E (4.7.8); GM 9130P; GME 60276 (withdrawn August 2000) ¹ GMW 3205; Honda 7426Z-S3V-A000 (4.4.9), 8330Z-SDCA-A000 (4.2.10); LP-463KC-09-01; MS DC634-B5, MS 300-34; MES CF 055B; NSC STD 2.16.1; SAE J1351; TS 202731; TSM 0505G; BSDM 0505; HTSM 0505G;

<u>Test Description</u>	<u>Test Method(s)</u>
Odor (cont'd)	PV3900; VDA 270
Open Cell Content	ASTM D6226
Polycarbonate Contamination	Honda 8330Z-SDCA-A000 (4.2.8)
Recoverability	MS DC600 (Table 3.9)
Recovery Time	ASTM D3574 (M)
Resistance to Blocking	GM 2737M (5.14 withdrawn June 1999) ¹ GMW 14132
Resistance to Heat	Chrysler 463LB-13-01
Resistance to Cold Cracking	GM 9140P (A withdrawn April 2004) ¹ ; GMW 14127; SAE J323 (A)
Resistance to Deterioration	ESB M2D221-A, B, C (3.5), M4D113-C (3.4), M4D262-C (3.4); FLTM BO 12-1
Resistance to Humidity (Hot and Cold Cycling)	Chrysler LP-463LB-12-01; GMW 15725 (4.3); ISO 6270-2
Resistance to Steaming	Chrysler LP-463KC-15-01
Rust Acceleration Test	TSL 2106G (4.12)
Sag	GMW 16190; Honda 8320Z-SDA-0000 (6.18), 8320Z-S84-0000 (5.22), 7060Z-SDN-A00 (5.12)
Shear creep test	TSK6712G (6.3.8) (6.3.3); 7060Z-SDN-A000 (5-6)
Shrinkage	FLTM BN 105-01; GMW 4217; HES D6506-00 (5.12); Honda 7426Z-S3V-A000 (4.2.6)
Solvent Resistance	AS 2282.13-1999; ESB M2D221-A, B, C (3.11), M2D221-D (3.10), M2D243-A (3.3.13), M4D113 (3.10), M4D262-C (3.10), M17H93 (3.4.7); MS-AY 309, 310; NSC STD 2.16.1; TS 202731 (3.8.14); TMS 6501 (4.3.9)
Staining	ASTM D925 (A); GM 9131P, 9141P; GMW 14444 (4.4.7); MS 200-34, MS-DC-649 (Appendix A); NSC STD 2.16.1; PF 10696 Table 7;

Test Description**Test Method(s)**

Staining (cont'd)

TSK 7707G (6.4);
TSM 7100G (4.14); BSDM 7100 (4.14)
VW Staining PV 3937;
WSS M15P20-B1/B2 (3.3.13);
FIAT 9.03163 (2.17)

Staining of Polycarbonate

Honda 7426Z-S3V-A000 (4.3.5)

Stress Relaxation Test

TSM 7100G (4.4); BSDM 7100 (4.4)

Stretch and Set

GM 6291M (Table 5);
GMW 3211;
HES D6506-00 (5.5);
SAE J855;
TSL 2104G (4.6), 2105G (4.2)

Tear Resistance

AS 2282.7-1999;
ASTM D624 (Die C), D1004, D2261, D3574 (F), D4533, D5587,
D5733 (Withdrawn 2008)¹;
DIN 53356 A;
ESX-83218 (4.3);
GME 60 283-3 (withdrawn May 2010)¹
GMW 3326;
HES D6506-00 (5.6);
Hyundai MS-200-34 (4.3);
ISO 34-1, 8067, 13937-2;
JASO B 408-89 (6.6);
JIS K6301, K6400;
NES M0086 (12);
Renault D41 1048;
TS Tech Honda (4-5);
TSK 7707G (6.3);
TSL 2105G (4.3), 2106G (4.2, 4.3);
TSM 7100G (4.6); TSM 5743G (7.2.3) BSDM 7100 (4.6);
BSDL 2603 (5.8);
Volvo STD 1024.3721

Tensile / Elongation

AS 2282.6-1999;
ASTM D412, D1623, D3574 (E), D5034, D5305, D638, D882
D751 (11-16);
BS 4443-1-3A;
DIN 53571 A2;
ESX-83218 (4.2);
GME 60 283-2 (withdrawn August 1996)¹
GMW 3010;
HES D6506-00 (5.4), 832-0Z-SW5-9000 (5.4);
Honda 98M-8320Z-S84-0000 (5.3), 83308-SDCA-A000;
Hyundai MS-200-34 (4.2);
ISO 527-1, -2 (except 5.1.5), 1798, 1926, 3342;
JASO B 408-89 (6.5);
JIS K6251, K6301 (3), K6400 (10);
LP-463KP-01-01;
NES M0086 (6);
Renault D41 1029;
TS Tech Honda (4-4);
TSK 7707G (6.2); TSK 6712G (6.1.3);
TSL 2105G (4.1), 2106G (4.1);
TSM 7100G (4.5); TSM 5743G (7.2.4);

<u>Test Description</u>	<u>Test Method(s)</u>
Tensile / Elongation (cont'd)	BSDL 2603 (5.5) (5.7); BSDM 7100 (4.5); Volvo STD 1024.2115
Thermal Conductivity	ASTM C518
Thickness	ASTM D1777, D1813, D5199, D5736; GMW 14777; ISO 5084; ISO 1923; ISO 2589; SAE J882; TSL 2100G; TSL 2104G
Water Absorption	ASTM C272, D570, D1056 (43-49); GM 9986183 (3.2.2.4); GMW 14102, 14777; Honda 7060Z-SDN-A000 (5-7), 8320Z-SDA-000 (6-7); ISO 6916-2 (Annex E); MS DC600 (Table 3.11); NES M0086; SAE J315 (12); TSK 7707G (6.7); TSK6712G (6.1.6); BSDL 2603 (5.4)
Water Vapor Transmission	ASTM E96/E96M
Wet Heat Aging Compression Set	ASTM D3574 (L); ESX-83218 (4.9); JIS K6400; NES M0086; Renault 41 1637; TS Tech Honda (4-8-2); TSK 6712G (6.1.5 [2]); TSM 7100G (4.8.2); BSDM 7100 (4.8.2)
Speaker Grille Rupture Strength	WSS-M15P6-D (3.15)
Water Wicking	9.03160 (2.16); SAE J913 (3.2c)

¹ NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications nor does it confer accreditation for the method(s) embedded within the specifications.

ASTM D3887, Section 9
GM 6090M (withdrawn September 2011)¹
MS-DB 50, Sections 18, 19
WSS-M99-P32 A, B



Accredited Laboratory

A2LA has accredited

P3T LAB - POLYURETHANE PHYSICAL PROPERTY TESTING LABORATORY

Woodbridge, Ontario Canada,

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 6th day of March 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2050.01
Valid to March 31, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.