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## MEASUREMENT AND TEST EQUIPMENT

LAST REPORT UPDATE 01/21/2025

In conformance with:  
ISO/IEC 17025:2017



**MEASUREMENT AND TEST EQUIPMENT (M&TE) STANDARDS**

CALIBRATION OF M&TE'S IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.  
(NOTE: GAGE SIZES ARE USED AS REFERENCE SIZES AND ARE NOT A DIRECT CONVERSION FROM INCH TO METRIC OR FROM O.D TO O.C.)

**THE FOLLOWING STANDARDS ARE CALIBRATED EVERY 1 YEAR TO GUARANTEE ACCURACY:**

<b>Vendor</b>	<b>Equipment</b>	<b>Serial #</b>	<b>Test Date</b>	<b>Due Date</b>	<b>NIST Traceable Report Number</b>	<b>M&amp;TE Type</b>
American Gage	.375" O.D. Plug Gage	42796	Dec-18-24	Dec-18-25	1139251	Calibration Equipment
American Gage	.500" O.D. Plug Gage	42596	Dec-18-24	Dec-18-25	1139249	Calibration Equipment
American Gage	.625" O.D Plug Gage	42696	Dec-18-24	Dec-18-25	1139250	Calibration Equipment
<b>T</b> Aldinger	0-10 Pound Tension Scale	132214	Apr-30-24	Apr-30-25	A1460285	Quality Control
<b>T</b> Aldinger	0-30 Pound Tension Scale	52490	Dec-03-24	Dec-03-25	A1549522	Quality Control
American Gage	1" (25mm) O.D. / 3" (78mm) O.C. Plug Gage	1000	Dec-18-24	Dec-18-25	1139245	Calibration Equipment
American Gage	1" (25mm) O.D. Plug Gage	101	Jul-16-24	Jul-16-25	1096363	Calibration Equipment
American Gage	1# Weight	6679-1	Jul-16-24	Jul-16-25	1096366	Calibration Equipment
American Gage	19.0000" (480.00mm) O.D. / 59.6902" (1507.96mm) O.C. Ring Gage	1619	Jul-16-24	Jul-16-25	1096365	Calibration Equipment
American Gage	2# Weight	257E	Jul-16-24	Jul-16-25	1096366	Calibration Equipment
American Gage	20" (500mm) O.D. / 62" (1570mm) O.C. Ring Gage	042199	Nov-25-24	Nov-25-25	1133620	Calibration Equipment
Glastonbury Southern Gage	4.5" (114mm) O.D. / 14" (358mm) O.C. Ring Gage	405	Oct-16-24	Oct-16-25	142217-1-1	Calibration Equipment
Pi Tape Texas	44.0000" (1100.00mm) O.D. / 138.2300" (3455.75mm) O.C. Ring Gage	1144	Jun-03-24	Jun-03-25	1144060324	Calibration Equipment
Pi Tape Texas	44" Diameter Master Tape	05312244 (MT)	Jun-03-24	Jun-03-25	05312244060324	Calibration Equipment
American Gage	5.0000" (127.00mm) O.D. / 15.7079" (398.98mm) O.C. Ring Gage	555	Dec-18-24	Dec-18-25	1139253	Calibration Equipment
American Gage	5# Weight	6676-1	Jul-16-24	Jul-16-25	1096366	Calibration Equipment
Mitutoyo	Optical Comparator	71606225	Jun-27-24	Jun-24-25	T767714R1	Calibration Equipment
ThermoWorks	Temperature & Humidity Data Logger	32BC0E5B	Sep-30-24	Sep-30-25	C055017R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	328401BC	Sep-30-24	Sep-30-25	C055015R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	328401C3	Apr-08-24	Apr-08-25	C051177R00	Quality Control

**T** signifies Tamper Resistant Seal - All seals verified and recorded each workday

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ThermoWorks	Temperature & Humidity Data Logger	328401C8	Apr-08-24	Apr-08-25	C051176R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	328401C9	Apr-08-24	Apr-08-25	C051174R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	328401CB	Apr-08-24	Apr-08-25	C051173R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	328401CC	Apr-08-24	Apr-08-25	C051175R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	32BC0CDB	Sep-30-24	Sep-30-25	C055014R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	32BC0CE2	Sep-30-24	Sep-30-25	C055016R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	32BC0CE0	Sep-30-24	Sep-30-25	C055013R00	Quality Control
ThermoWorks	Temperature & Humidity Data Logger	32BC0CFF	Sep-30-24	Sep-30-25	C055012R00	Quality Control
Renishaw	XC Air Temperature Sensor	23R936	Jun-14-24	Jun-14-25	23R936-240614-00	Calibration Equipment
Renishaw	XC Air Temperature Sensor	22W497	Aug-09-24	Aug-09-25	22W497-240809-00	Calibration Equipment
Renishaw	XC Material Temperature Sensor	23R985	Jun-14-24	Jun-14-25	23R985-240614-00	Calibration Equipment
Renishaw	XC Material Temperature Sensor	22W548	Aug-09-24	Aug-09-25	22W548-240809-00	Calibration Equipment
Renishaw	XC-80 Compensator	4NH015	Jun-14-24	Jun-14-25	4NH015-240614-00	Calibration Equipment
Renishaw	XC-80 Compensator	1LLR69	Aug-09-24	Aug-09-25	1LLR69-240809-00	Calibration Equipment

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**THE FOLLOWING STANDARDS ARE CALIBRATED EVERY 2 YEARS TO GUARANTEE ACCURACY:**

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American Gage	12" (300mm) I.D. Ring Gage	1944	Mar-22-23	Mar-22-25	978396	Calibration Equipment
American Gage	13" (315mm) O.D. / 40" (989mm) O.C. Ring Gage	042299	Dec-22-23	Dec-22-25	1047577	Calibration Equipment
American Gage	16" (400mm) I.D. Ring Gage	6000	Aug-17-23	Aug-17-25	1014625	Calibration Equipment
Pi Tape Texas	24" (600mm) O.D. / 75" (1884mm) O.C. Ring Gage	201	Jun-03-24	Jun-03-26	201060324	Calibration Equipment
Pi Tape Texas	24" Diameter Master Tape	05312224 (MT)	Jun-03-24	Jun-03-26	05312224060324	Calibration Equipment
Pi Tape Texas	27.0000" (700.00mm) O.D./ 84.8230" (2199.11mm) O.C. Ring Gage	1128	Jun-03-24	Jun-03-26	1128060324	Calibration Equipment
Pi Tape Texas	27" Diameter Master Tape	05312227 (MT)	Jun-03-24	Jun-03-26	05312227060324	Calibration Equipment
American Gage	3" (76mm) O.D. / 9" (238mm) O.C. Ring Gage	3000	Sep-26-24	Sep-26-26	1116621	Calibration Equipment
Pi Tape Texas	36" (900mm) O.D./ 113" (2827mm) O.C. Ring Gage	36585	Jun-03-24	Jun-03-26	36585060324	Calibration Equipment
Pi Tape Texas	36" Diameter Master Tape	05312236 (MT)	Jun-03-24	Jun-03-26	05312236060324	Calibration Equipment
Aldinger	5" (127mm) I.D. Ring Gage	5000	Jan-07-25	Jan-07-27	A1561956	Calibration Equipment
American Gage	9" (228mm) O.D. / 28" (716mm) O.C. Ring Gage	900	Aug-28-24	Aug-28-26	1108897	Calibration Equipment
<b>T</b> Pi Tape Texas	Linear Machine	060918	Jun-29-23	Jun-29-25	060918062923	Calibration Equipment
<b>T</b> Pi Tape Texas	Linear Machine	062970	Aug-01-23	Aug-01-25	06297008012023	Calibration Equipment
<b>T</b> Pi Tape Texas	Linear Machine	092395	Sep-07-23	Sep-07-25	09239509072023	Calibration Equipment
<b>T</b> Pi Tape Texas	Linear Machine	121352	Aug-01-23	Aug-01-25	12135208012025	Calibration Equipment
<b>T</b> Pi Tape Texas	Linear Machine	121554	Jun-29-23	Jun-29-25	121554062923	Calibration Equipment
Pi Tape Texas	Marked for diameter measurement (inch) Master Tape	040622	Apr-04-24	Apr-04-26	040622040424	Calibration Equipment
Pi Tape Texas	Marked for diameter measurement (metric) Master Tape	040722	Apr-04-24	Apr-04-26	040722040424	Calibration Equipment
Pi Tape Texas	Marked for linear measurement Master Tape	081221	Sep-07-23	Sep-07-25	08122109072023	Calibration Equipment

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THE FOLLOWING STANDARDS ARE CALIBRATED EVERY 3 YEARS TO GUARANTEE ACCURACY:

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Renishaw	XL-80 Laser	3U4W27	Jul-15-22	Jul-15-25	3U4W27-220715-00	Calibration Equipment
Renishaw	XL-80 Laser	16QH11	Sep-07-22	Sep-07-25	16QH11-220907-00	Calibration Equipment

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THE FOLLOWING STANDARDS ARE CALIBRATED EVERY 4 YEARS TO GUARANTEE ACCURACY:

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Starrett/Webber	6" Gage Block	100-2	Aug-16-24	Aug-16-28	24-68050-A	Calibration Equipment
Starrett/Webber	6" Gage Block	100-3	Aug-16-24	Aug-16-28	24-68050-B	Calibration Equipment
Starrett/Webber	6" Gage Block	100-4	Aug-16-24	Aug-16-28	24-68050-C	Calibration Equipment
Starrett/Webber	6" Gage Block	100-5	Aug-16-24	Aug-16-28	24-68050-D	Calibration Equipment
Starrett/Webber	6" Gage Block	100-6	Aug-16-24	Aug-16-28	24-68050-E	Calibration Equipment
Starrett/Webber	6" Gage Block	100-7	Aug-16-24	Aug-16-28	24-68050-F	Calibration Equipment
Starrett/Webber	Fractional Gage Block Set	4.3064SA1	Jul-23-24	Aug-16-28	24-68050-G	Calibration Equipment