



www.WestshoreConsulting.com

Muskegon

2534 Black Creek Road
Muskegon, Michigan 49444
Ph: (231) 777-3447
Fx: (231) 773-3453

Grand Haven

(616) 844-1260

Manistee

(231) 920-5818

July 24, 2013

Via Facsimile Only: (630) 515-1078

U.S. Nuclear Regulatory Commission
Attn: Materials Licensing Branch

Re: Request to Amend License No. 21-25873-01

To Whom It May Concern:

We would like to request an amendment to our existing license; specifically Section 9A. We would like this section to say **"To be used in Troxler Models 3411 and 3400-series for measuring properties of materials."**

We respectfully request that this amendment be expedited. We are currently under contract with the City of Norton Shores in Muskegon County, Michigan, to perform materials testing services on a multi-street resurfacing project. Resurfacing is expected to commence next week, and we need a Troxler Gauge that has the "Thin Layer Correction" function. This is not a function that either of our current Troxler models has.

We have been in contact with InstroTex, Inc., (License No. 32-3266-01) to trade in our Troxler Model 3430 for a Troxler Model 3440, which does have the thin layer correction. We will still only have two Troxler models in our possession after the trade. We did not foresee a problem moving forward with this trade until we noted that our NRC license was changed in 2011 to read specific to our current gauges.

For your use, we have included a copy of our latest Gauge Calibration Report and Leak Test Certificate for our 3430 gauge, indicating that the gauge is still in good working order.

If there should be any questions please do not hesitate to call me at (231) 777-3447, Ext. 32 or Wade VandenBosch, the Materials Testing Department Supervisor, at (231) 777-3447, Ext. 34.

Sincerely,

WESTSHORE CONSULTING

Richard A. VanNett
Radiation Safety Officer

RAV/pen/NRC

Enclosure

5 Total
pgs

Print Date: 04/04/2013

Cert#: MI20860

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InstroTek, Inc. Gauge Calibration Report

Gauge Model: 3430
Serial Number: 22431
Calib. Date: 04/03/2013

Expires: 04/03/2014

Density Std. Cnt: 2431
Moisture Std. Cnt: 648
Bay Number: 610

Block Type	Low	Mid	High
Density	110.7	138.7	168
S/N	6001	6002	6003
Depth	Density	Calibration	Counts
BS	1038	699	460
2	3651	2412	1454
4	3721	2304	1300
6	3003	1726	891
8	2068	1090	522
10	1284	620	278
12	757	344	149

Gauge Constants:

Depth	A	Bx1000	C	@125 pcf Repeatability
BS	2.22156	0.92529	0.01216	0.57
2	6.98442	0.71423	0.49583	0.29
4	9.27261	0.92192	0.31235	0.25
6	10.03579	1.11295	0.19188	0.25
8	10.60439	1.39523	0.06884	0.27
10	10.39997	1.68141	0.01796	0.31
12	8.59969	1.88883	0.00257	0.38

Moisture Parameters:

Block Type	Low	High	E	Fx1000	@15 pcf Repeatability
Density	0	37.5			
S/N	6001	6006			
	Moisture	Cal	Counts	Gauge Constants	
	16	418		0.02471	1.03320
					0.31

Print Date: 04/04/2013

Cert#: MI20860

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InstroTek, Inc.

Expected Std. Count

Gauge Model: 3430

Serial Number: 22431

Calib. Date: 04/03/2013

Expires: 04/03/2014

Density Std. Cnt: 2431

Moisture Std. Cnt: 648

Bay Number: 610

Date	From	To
Apr 13	2407	2455
May 13	2402	2451
Jun 13	2397	2446
Jul 13	2393	2441
Aug 13	2388	2436
Sep 13	2384	2432
Oct 13	2379	2427
Nov 13	2374	2422
Dec 13	2370	2418
Jan 14	2365	2413
Feb 14	2361	2408
Mar 14	2356	2404
Apr 14	2352	2399
May 14	2347	2395
Jun 14	2343	2390
Jul 14	2338	2385
Aug 14	2334	2381
Sep 14	2329	2376
Oct 14	2325	2372
Nov 14	2320	2367

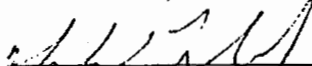
NOTE: The calculation of the expected density standard count is based on decay of the Cesium 137 source used for density measurements.

The blocks used for the calibration of the device listed above have density values that are traceable to SI (The International System of Units) through NIST (National Institute of Standards Technology). These blocks were traced to SI through NIST by using certified by NIST load cell (Sentran ZB1-1K-000, SN 931050) and calipers (SPI 40" Calipers, SN 000184); with an uncertainty of 0.3% for density and 2.2% for moisture.

The calibration performed on this gauge was according to the manufacturer's recommended procedures (InstroTek, Inc. CP-008 for all Single System Nuclear Density Soil/Moisture Gauges; CP-010 for all Two-System Soil/Moisture Nuclear Density Gauges; or CP-012 for all Thin-Lift Asphalt Nuclear Density Gauges) and meets the requirements of ASTM and AASHTO standards and guides and InstroTek's ISO/IEC 17025 Quality System.

The metallic block density values stated on this calibration report are the true gravimetric densities. During the calculation of A, B, and C constants, the metal densities are normalized by correction factors to account for chemical composition effects. Maximum uncertainty for the density of 164 pcf (2628.0 kg/m³) at Backscatter (BS) is +/- 0.5 pcf (8.0 kg/m³), depths 2-11 are +/- 0.25 pcf (4.0 kg/m³), and depth 12 is +/- 0.35 pcf (6 kg/m³).

InstroTek, Inc.



 Calibration Technician

 4/4/13
 Date

Print Date: 04/04/2013

Cert#: MI20860

Supplement

InstroTek, Inc.
As Found / As Left Report

Gauge Model: 3430
Serial Number: 22431
Calib. Date: 04/03/2013

Density Std. Cnt: 2431
Moisture Std. Cnt: 648
Bay Number: 610

As Found Condition:

Depth	Low	Error	Mid	Error	High	Error
	109.4		135.1		162.0	
BS	110.3	0.9	136.4	1.3	162.6	0.6
2	109.3	0.1	135.3	0.2	161.7	0.3
4	109.1	0.3	135.4	0.3	161.8	0.2
6	109.1	0.3	134.9	0.2	162.2	0.2
8	109.3	0.1	135.2	0.1	161.9	0.1
10	109.4	0.0	135.0	0.1	161.6	0.4
12	109.2	0.2	134.2	0.9	161.4	0.6

Actual Moisture Density: 37.5 Measured: 37.8 Error: 0.3

As Left Condition:

Depth	Low	Error	Mid	Error	High	Error
	109.4		135.1		162.0	
BS	109.4	0.0	135.1	0.0	162.0	0.0
2	109.4	0.0	135.1	0.0	162.0	0.0
4	109.4	0.0	135.1	0.0	162.0	0.0
6	109.4	0.0	135.1	0.0	162.0	0.0
8	109.4	0.0	135.1	0.0	162.0	0.0
10	109.4	0.0	135.1	0.0	162.0	0.0
12	109.4	0.0	135.1	0.0	162.0	0.0

Actual Moisture Density: 37.5 Measured: 37.5 Error: 0.0

Uncertainty of the Calibration blocks were measured at k=2, according to NIST Technical Note 1297. Actual block densities and repeatability of the measurements is on page 1 of the calibration report.

RECEIVED MAR 25 2013

InstroTek, Inc.
5908 Triangle Drive
Raleigh, NC 27617
(919)875-8371 Fax (919)875-8328

3/22/2013
Test Number: 3

RICHARD VANNETT
WESTSHORE CONSULTING
2534 BLACK CREEK ROAD
MUSKEGON, MI 49444

Phone: (231)777-3447
Fax: (231)773-3453

LEAK TEST CERTIFICATE
NC Materials License #092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge Model: 3430
Gauge S/N: 22431

Test Date: 3/13/2013

Source (Model/Serial#)	Reading in microCuries
47-18252	0.00000
75-4161	0.00024

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source.* The source(s) tested above may remain in use.

Reviewed by:  Date: 03/22/2013

Customer Signature:  Date: 3/25/13

*CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.