

# Interstate Testing Services



9713 Dielman Rock Island Dr. • St. Louis, MO 63132  
Tel. 314-994-0641

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August 22, 2017

Laura Cender  
U.S. Nuclear Regulatory Commission

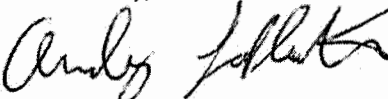
RE. Mailing Address Change Request  
Licenses Amendment

Laura,

This letter is to request that our mailing address be changed from 9713 Dielman Rock Island Drive, St. Louis, MO 63132 to 10440 Liberty Ave, St. Louis, MO 63132. All licensed material has been removed from 9713 Dielman Rock Island Drive, St. Louis, MO 63132 and I request that this location be removed from our license.

Attached with the letter you will find the most current leak test for the one Humboldt 5001 gauge we posses.

Sincerely,



Andy LaPlante

Director of Operations



"Specializing In Your Radiation Safety Needs"

R. M. WESTER and ASSOCIATES, INC

215 Indacom Drive
St. Peters, MO 63376
(636) 928-9628
www.rmweste.com

RADIOACTIVE SEALED SOURCE LEAK TEST REPORT

Test Date: February 23, 2017

Analytical Date: February 23, 2017

Source Identification:

Manufacturer: Humboldt

Model No.: 5001EZ

Mach S/N: 4451

Radionuclide: Cs-137

Activity: 10.0 mCi

Source S/N: 1621CM

Radionuclide: Am-241/Be

Activity: 40.0 mCi

Source S/N: NJ04748

Sample Submitted By: Julian Hansen

Facility: Interstate Testing Services

Address: 9713 Dielman Rock Island Dr.

St. Louis, MO 63132

The identified sealed source listed above has been tested for leakage of radioactive materials as required by the United States Nuclear Regulatory Commission. The analysis of the wipe material used in testing the sealed source reveals the presence of <= 7.43 x 10^-5 <math>\mu\text{Ci}</math> of loose contamination for Cs-137 and <= 7.32 x 10^-5 <math>\mu\text{Ci}</math> of loose contamination for Am-241.

- (X) This source is acceptable for continued use.
( ) This source has been found to have a level of loose contamination greater than 0.005 <math>\mu\text{Ci}</math> of removable radioactive materials, and should be removed from service immediately.
(N/A) Operational and performance check of shutter mechanism satisfactory.

Nest Leak Test Date: August 23, 2017

Analysis By: Julian Hansen

Reviewed By: K.M. [Signature]

**R. M. WESTER AND ASSOCIATES, INC.**

UNITS: SI  
 GAGE MODEL: H5001EZ SER: 4451 CALIB DATE: 02/23/17  
 SOURCE TYPE: GAMMA NEUTRON STD COUNT: DENSITY: 2633  
 SERIAL: 1621CM NJ04748 MOISTURE: 490  
 CALIB BAY: 1

**\*\* DENSITY CALIBRATION DATA \*\***

DEPTH	MAGNESIUM 1777	MAGN/ALUM 2203	ALUMINUM 2712	LIMESTONE 2235	GRANITE 2625
BS	1146.0	824.0	600.0	731.0	587.0
50	4189.0	2885.0	1946.0	2577.0	1911.0
100	3900.0	2419.0	1450.0	2105.0	1396.0
150	3173.0	1811.0	968.0	1522.0	928.0
200	2339.0	1229.0	605.0	1003.0	573.0
250	1592.0	760.0	369.0	626.0	344.0
300	1010.0	468.0	226.0	380.0	228.0

**\*\* DENSITY PERFORMANCE at 2000 kg/m<sup>3</sup> [125 pcf] \*\***

DEPTH	A	B*1000	C	CR	PREC	CE	RMSE
BS	2.97900	1.30734	-0.12656	1.88	10.0	20.23	28.45
50	10.99973	1.22438	-0.27614	1.80	4.62	10.43	13.94
100	16.30234	1.45529	-0.17125	2.01	3.86	2.21	8.04
150	17.69965	1.58860	-0.07543	2.15	3.73	6.15	9.66
200	19.56293	1.82317	-0.05216	2.40	3.90	5.50	9.54
250	26.93943	2.25572	-0.06009	2.96	4.32	-8.00	11.78
300	21.04604	2.35439	-0.04044	3.10	5.19	18.51	21.23

**\*\* MOISTURE CALIBRATION DATA \*\***

LOW W    HIGH W  
 0.0      528.0  
 -----  
 20.0      339.0

**\*\* MOISTURE PERFORMANCE at 160 kg/m<sup>3</sup> [10pcf] \*\***

E	F*1000	CR	PREC	RMSE
0.03958	1.23299	3.14	4.5	10.0

**R. M. WESTER AND ASSOCIATES, INC.**

UNITS: PCF

CALIB DATE: 02/23/17

GAGE MODEL: H5001EZ SER: 4451

CALIB BAY: 1

SOURCE TYPE: GAMMA NEUTRON

STD COUNT: DENSITY: 2633

SERIAL: 1621CM NJ04748

MOISTURE: 490

**\*\* DENSITY CALIBRATION DATA \*\***

DEPTH	MAGNESIUM 110.9	MAGN/ALUM 137.5	ALUMINUM 169.3	LIMESTONE 139.5	GRANITE 163.9
BS	1146.0	824.0	600.0	731.0	587.0
2	4189.0	2885.0	1946.0	2577.0	1911.0
4	3900.0	2419.0	1450.0	2105.0	1396.0
6	3173.0	1811.0	968.0	1522.0	928.0
8	2339.0	1229.0	605.0	1003.0	573.0
10	1592.0	760.0	369.0	626.0	344.0
12	1010.0	468.0	226.0	380.0	228.0

**\*\* DENSITY PERFORMANCE at 2000 kg/m<sup>3</sup> [125 pcf] \*\***

DEPTH	A	B	C	CR	PREC	CE	RMSE
BS	2.97900	0.02094	-0.12656	1.88	0.62	1.26	1.78
2	10.99973	0.01961	-0.27614	1.80	0.29	0.65	0.87
4	16.30234	0.02331	-0.17125	2.01	0.24	0.14	0.50
6	17.69965	0.02545	-0.07543	2.15	0.23	0.38	0.60
8	19.56293	0.02920	-0.05216	2.40	0.24	0.34	0.60
10	26.93943	0.03613	-0.06009	2.96	0.27	-0.50	0.74
12	21.04604	0.03771	-0.04044	3.10	0.32	1.16	1.33

**\*\* MOISTURE CALIBRATION DATA \*\***

LOW W	HIGH W
0.0	33.0
20.0	339.0

**\*\* MOISTURE PERFORMANCE at 160 kg/m<sup>3</sup> [10pcf] \*\***

E	F	CR	PREC	RMSE
0.03958	0.01975	3.14	0.28	0.62

## Tomczak, Tammy

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**From:** Cender, Laura  
**Sent:** Tuesday, August 22, 2017 10:53 AM  
**To:** Tomczak, Tammy  
**Subject:** FW: Licenses Amendment  
**Attachments:** INTERSTATE TESTING MAILING ADDRESS CHANGE & FACILITY REMOVAL REQUEST LETTER.pdf; LEAK TEST 2-23-2017 GAUGE 4451.pdf

Hi Tammy,

I received this license amendment request this morning, please let me know if you have any questions.

Thanks,  
Laura

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**From:** Andy LaPlante [mailto:alaplante@interstatetesting.com]  
**Sent:** Tuesday, August 22, 2017 10:49 AM  
**To:** Cender, Laura <Laura.Cender@nrc.gov>  
**Subject:** [External\_Sender] Licenses Amendment

Laure,

Attached is the information to request a licenses amendment for a mailing address change and removal of location. If you have any questions let me know, thanks.

**Andy LaPlante**  
**Director of Operations**



Cell: 314-486-2710  
Office: 314-994-0641  
Fax: 314-994-0687

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