



COFFEY
ENGINEERING & SURVEYING

903 Grand Ave, Laramie, WY 82070 Phone 307-742-7425 Fax 307-742-7403

FACSIMILE TRANSMITTAL SHEET

TO: MICHELLE SIMMONS

FROM: SHAWNA

FAX NUMBER: 817-860-8263

DATE 11/30/09

PHONE NUMBER: 817-276-6590

PAGES: COVER + 2

RE: OSCS LEAK TEST CERTIFICATE

COMMENTS: 472455

472455

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COFFEY
ENGINEERING & SURVEYING

"Your One Stop for Calibration & Service"

2513 Weaver Street Suite A
Fort Worth TX 76117
p:817.834.5411
f: 817.834.5435

702 W 48th Avenue Unit G
Denver CO 80216
p:303.292.2412
f: 303.292.2409

www.onestopcal.net

1.877.737.8225

Attn: David R. Coffey
Coffey Engineering & Surveying
903 East Grand Avenue
Laramie, Wyoming 82070

Certificate Number: OSCST011609B

Leak Test Certificate

Gauge Serial Number: 24612	Gauge Model: 3440
Sample Procedure by: Coffey Eng.	Sample Date: 11/12/09
Sealed Source Isotope:	Activity: Removable Contamination:
Cs-137 (gamma)	8 mCi < .005µCi
Am-241 (alpha)	40 mCi < .005µCi

The analysis procedure was performed on 11/16/2009 by OSCS.

This portable nuclear gauge displays no removable contamination and may remain in active service.

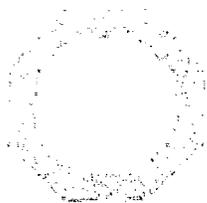
The .001 µCi Cs-137 and Am-241 calibration check sources are NIST traceable.
The survey meter used to perform the analysis was calibrated on 13 May 2009.
Federal and Agreement State limits for removable contamination is 0.005 µCi (5.0 x 10⁻³ µCi).
OSCS is authorized to analyze portable and fixed gauge leak test samples; State of Texas
License Number: LO-5813.

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

James Stiles

472455



OSCS

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NIST 701.8225

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Fort Worth TX 76117
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702 W 48th Ave Unit G
Denver CO 80216
p: 303.292.2412
f: 303.292.2409

1502 Hobbs Street Unit 108
Tampa, FL 33619
p: 813.681.3562
f: 813.689.8623

Attn: Pete Steinkraus
Coffey Engineering and Survey, LLC
903 E. Grand Ave.
Laramie, WY 82070

Certificate Number: OSCSC1387

Leak Test Certificate

Gauge Serial Number: 24612
Sample Procedure by: OSCS

Gauge Model: 3440
Sample Date: 03/04/2008

Sealed Source Isotope:
Cs-137 (gamma)
Am-241 (alpha)

Activity:
8 mCi
40 mCi

Removable Contamination:
< .005 μ Ci
< .005 μ Ci

The analysis procedure was performed on 03/10/08 by OSCS.

This portable nuclear gauge displays no removable contamination and may remain in active service.

The .001 μ Ci Cs-137 and Am-241 calibration check sources are NIST traceable.
The survey meter used to perform the analysis was calibrated on 15 May 2007.
Federal and Agreement State limits for removable contamination is 0.005 μ Ci (5.0×10^{-3} μ Ci).
OSCS is authorized to analyze portable and fixed gauge leak test samples; State of Texas
License Number: LO-5813.

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

James Stiles



October 19, 2009

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OCT 22 2009

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903 E Grand Ave. • Laramie, WY 82070
[P] 307-742-7425 [F] 307-742-7403
[W] WyoCoffey.com

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OCT 22 2009
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U.S. Nuclear Regulatory Commission – Region IV
612 East Lamar BLVD Suite 400
Arlington, TX 76011-4125

RE: Relocation of Nuclear Density Gauge – License Number 49-29281-01

This letter is to inform you that our company will be relocating its office to 902 S. 3rd St., Laramie, WY 82070 sometime in December 2009. We are requesting that the storage location currently on the above license be released for unrestricted use and the new location for storage will be at our new office location. We would like this action to be effective December 20, 2010.

Also attached is a copy of the most current leak test of our equipment.

Sincerely,

Coffey Engineering & Surveying, LLC

David R. Coffey, P.E., L.S.
CEO

Certificate of Calibration

3998 Commerce Circle
 Idaho Falls, Idaho 83401
 Ph: 888 523-5557
 www.qaltek.com



**Qal-Tek
 Associates**

7801 N Lamar Blvd Ste E204
 Austin, Texas 78752
 Ph: 512 407-9252

Customer: **MGC Geotech**
 Address: **4817 S. Zang way**
 Phone:

Att.: **Mark Gemperline**
 City: **Morrison**

Location: **Customers Site**
 State: **CO** Zip: **80465**

Serial Number: **24612**

Mfg: **Troxler**

Model: **3440**

Ref. #: **Q0069-09**

Calibration Date: **1-Aug-09**

Calibration /Ver. Due date: **1-Aug-10**

Nuclear Density Gauge Engineered Block Calibration

As Found Readings

Received Condition: **Out Of Tolerance**

Depth-	Wet Density PCF	Block Std. PCF	Error PCF						
BS	124.3	132.1	-7.8						
2	124.0	127.4	-3.4						
4	115.9	118.1	-2.2						
6	119.7	121.7	-2						
8	137.4	141.7	-4.3						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Moist. Den. PCF</th> <th>Poly Moisture Std.</th> <th>Error PCF</th> </tr> </thead> <tbody> <tr> <td>Moisture 33.7</td> <td>32.3</td> <td>1.4</td> </tr> </tbody> </table>				Moist. Den. PCF	Poly Moisture Std.	Error PCF	Moisture 33.7	32.3	1.4
Moist. Den. PCF	Poly Moisture Std.	Error PCF							
Moisture 33.7	32.3	1.4							

As Left Readings

Returned Condition: **In Tolerance**

Depth-	Wet Density PCF	Block Std. PCF	Error PCF						
BS	131.6	132.1	-0.5						
2	127.7	127.4	0.3						
4	118.2	118.1	0.1						
6	121.7	121.7	0						
8	141.1	141.7	-0.6						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Moist. Den. PCF</th> <th>Poly Moisture Std.</th> <th>Error PCF</th> </tr> </thead> <tbody> <tr> <td>Moisture 32</td> <td>32.3</td> <td>-0.3</td> </tr> </tbody> </table>				Moist. Den. PCF	Poly Moisture Std.	Error PCF	Moisture 32	32.3	-0.3
Moist. Den. PCF	Poly Moisture Std.	Error PCF							
Moisture 32	32.3	-0.3							

As Found and As left Tolerance +/- 2 PCF

Gauge Coefficients

Depth-	A	B * 1000	C	Moisture	
0	3.62708	1.27813	-0.09147	E	0.02439
				F	1.08426
2	12.01307	1.19987	-0.10904	Density Standard Cnt.	
4	16.02035	1.36418	-0.09657	2395	
				Moisture Standard Cnt.	
6	13.16128	1.32257	0.03848	615	
8	13.20307	1.49229	0.03994		

Calibration Standard Block used -
 Instrotek Validator™ SN 99101108

Procedure: CP-PRO-600

Service Technician : **Ethan Howell**
 Date of service : **8/1/09**

All reference standards used are traceable to NIST, Fundamental or Natural Physical Constants, or by accepted radiometric techniques.

Results relate only to item calibrated. Uncertainty of calibration was estimated at the 95% confidence level, (k=2).

This Certificate of Calibration shall not be reproduced except in full, without the written approval of Qal-Tek Associates

Qal-Tek Associates maintains a quality system (Quality Assurance Management Plan) that meets or exceeds the requirements set forth in the following documents: ANSI / NGSL Z540-1 1994 and ISO / IEC 17025.

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Coffey Engineering Surveying LLC **License:** 49-29281-01
Docket: 030-37595 **Mail Control:** 472455
Type of Action: Amend **Date of Requested Action:** 10/15/09
Reviewer Assigned: Michelle Simmons **ARM reviewer(s):** Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material. <input type="checkbox"/> Change of contact information (RSO), send request to update IC database.

Reviewer's Initials: _____ **Date:** _____

<input type="checkbox"/> Yes <input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes <input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes <input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes <input type="checkbox"/> No	TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____ **Date:** _____

SUNSI Screening according to RIS 2005-31

Yes No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

- _____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- _____ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- _____ Design of structure and/or equipment (site specific)
- _____ Information on nearby facilities
- _____ Detailed design drawings and/or performance information
- _____ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- _____ RAM quantities and inventory
- _____ Manufacturer's name and model number of sealed sources & devices
- _____ Site drawings with exact location of RAM, description of facility
- _____ RAM security program information (locks, alarms, etc.)
- _____ Emergency Plan specifics (routes to/from RAM, response to security events)
- _____ Vulnerability/security assessment/accident-safety analysis/risk assess
- _____ Mailing lists related to security response

Branch Chief's and/or HP's Initials: JOC **Date:** OCT 30 2009

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OCT 20 2009

DNMS



October 15, 2009

903 E Grand Ave. • Laramie, WY 82070
[P] 307-742-7425 [F] 307-742-7403
[W] WyoCoffey.com

R. Rick Munoz – Health Physicist
U.S. Nuclear Regulatory Commission – Region IV
611 Ryan Plaza Dr. Suite 400
Arlington, TX 76011-4005

RE: Relocation of Nuclear Density Gauge – License Number 49-29281-01

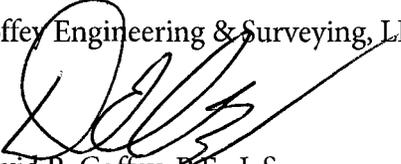
Dear Mr. Munoz:

This letter is to inform you that our company will be relocating its office to 902 S. 3rd St., Laramie, WY 82070 sometime in December 2009. Our new facility is currently under renovation. I have attached a drawing showing the approximate location of the future storage location of our Troxler nuclear density gauge. Once renovation is complete and we finalize the storage location of the gauge I will provide you with that location and any other pertinent information that is needed to keep our License with the NRC current and valid.

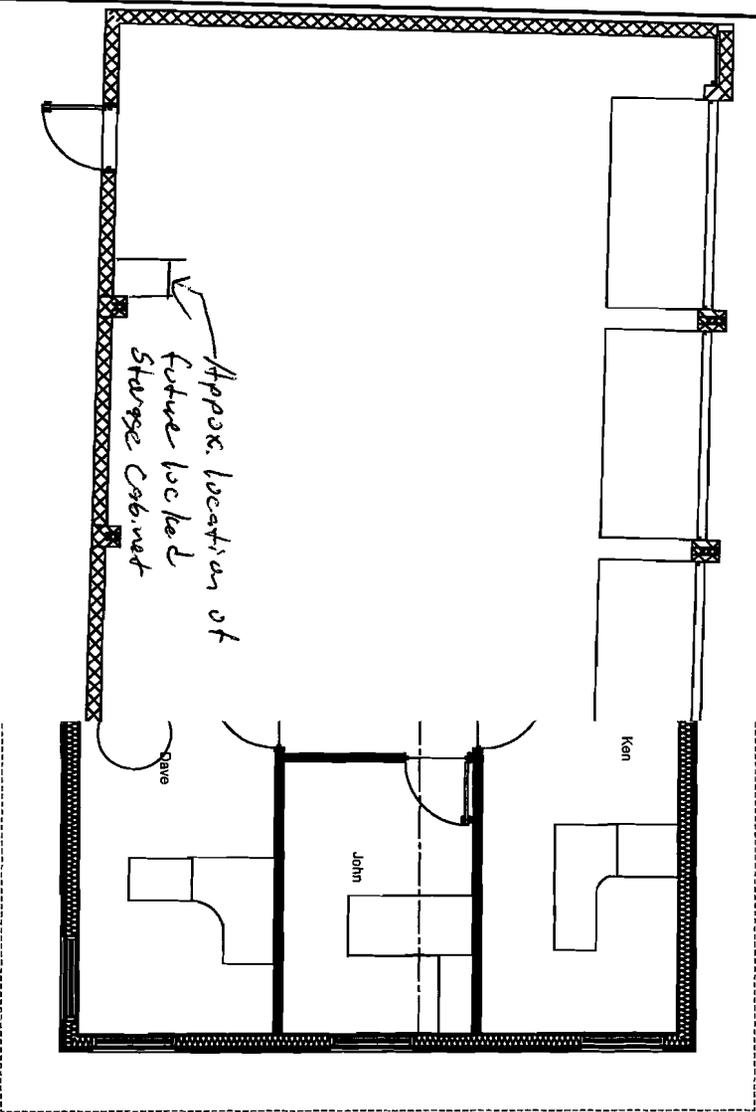
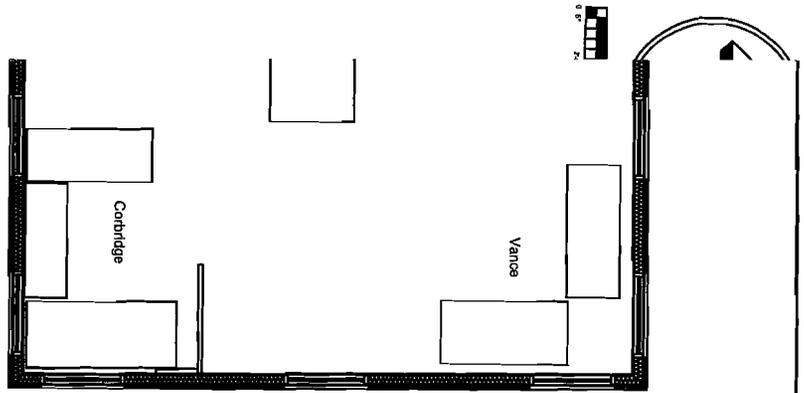
I would appreciate any comments from you that will help ensure we continue to comply with NRC regulations.

Sincerely,

Coffey Engineering & Surveying, LLC



David R. Coffey, P.E., L.S.
CEO



FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"

472455

REVISIONS
BY

SWIFT-STRUCTURES AND ARCHITECTURE
STRUCTURES, ARCHITECTURE, AND ENGINEERING
1932 GRAND AVENUE LARAMIE, WYOMING 82070
PHONE 307 742-7525 FAX 307 742-7528

OFFICE REMODEL, 902 S 3rd, Laramie, WY
COFFEY ENGINEERING AND SURVEYING

DATE	
SCALE	
DEWAIN	
SHEET	A1
OF SHEET	

472455

12-16-09
DATE

This is to acknowledge the receipt of your letter/application dated 10-19-09, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 472455.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Munnahan
Licensing Assistant

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03121
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20180228
: Fee Comments: _____
: Decom Fin Assur Reqd: N
: ::

BETWEEN:
License Fee Management Branch, ARM
and
Regional Licensing Sections

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: COFFEY ENGINEERING & SURVEYING LLC
Received Date: 20091020
Docket No: 3037595
Control No.: 472455
License No.: 49-29281-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Murnahan
Date 10-22-09

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /_/_/)

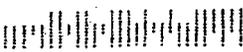
1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

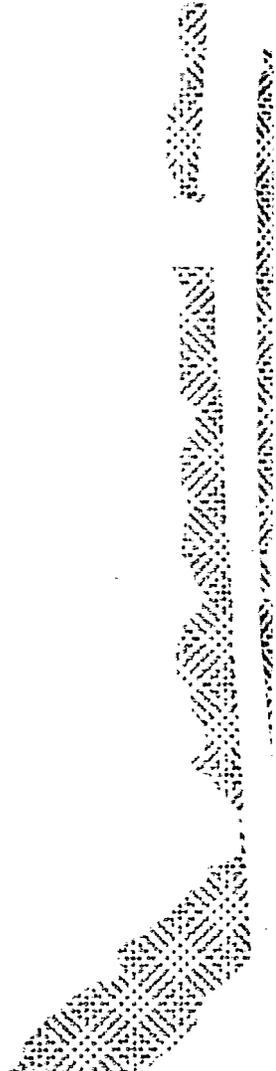
3. OTHER _____

Signed _____
Date _____

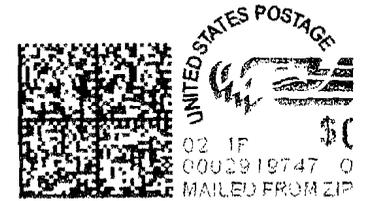
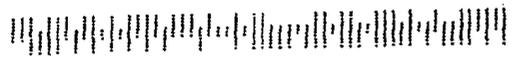


COFFEY

**U.S. Nuclear Regulatory Commission-
Region IV
612 East Lamar Blvd, Suite 400
Arlington, TX 76011-4125**



**COFFEY ENGINEER
SURVEYING, LLC**
903 E Grand Ave
Laramie, WY 82070



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ENGINEERING & SURVEYING

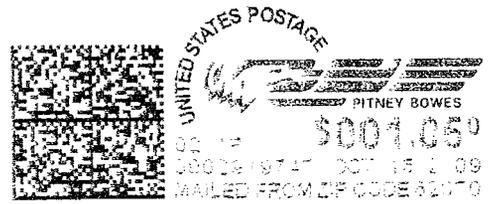
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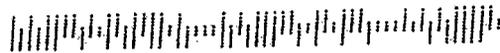


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**R. Rick Munoz - Health Physicist
U.S. Nuclear Regulatory Commission-Region IV
611 Ryan Plaza Dr. Suite 400
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