

Casey Alldredge
Nuclear Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region IV
1600 E. Lamar Boulevard
Arlington, TX 76011-4511

GLTS

Dear Ms. Alldredge,

Liberty Oilfield Services wishes to terminate its current NRC Specific License, 05-35199-01.

We would also like to place 5 additional fixed gauges on our current General License, GL-727112-19, to bring the total to 9. I have submitted the required documentation (Registration of Generally Licensed Devices) to the Office of Nuclear Material Safety and Safeguards via mail, and is attached to this letter. Also attached are photos of the General License sticker and the serial plate as evidence to qualify the devices for the General License. All 9 gauges are the Thermo Fischer SGD-O model and include this sticker and serial plate.

If there are any questions, I can be contacted at 720-556-8745, thank you.

Sincerely,



Michael Tuomi
Compliance Manager
Liberty Oilfield Services

GL - 727112 - 19

Date

NRC FORM 664
(07-2015)
10 CFR 31.5SECTION 1
PAGE 1 of 2

U.S. NUCLEAR REGULATORY COMMISSION

GENERAL LICENSEE REGISTRATION

APPROVED BY OMB: NO. 3150-0198

OMB EXPIRATION DATE: 04/30/2016

Estimated burden per response to comply with this mandatory collection request: 20 minutes. NRC will use this information to track general licensees and their devices to ensure a higher level of device accountability. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0198), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.

General License SECTION 1 - GENERAL LICENSEE INFORMATION

Registration Number

GL - 727112 - 19

Enter the company name and street address for the physical location of use for the device(s). For portable devices, specify the primary storage location. Do not use P. O. Boxes.

Company Name:

LIBERTY OILFIELD SERVICES

Department:

Address Line 1:

1200 E LINCOLN STREET

Address Line 2:

City:

GILLETTE

State:

WY

Zip Code:

82716 -

For NRC Use Only
(Do not write here)

Category:

Packet Receipt Date (MMDDYYYY)

Accession Number

GL - -

Date

SECTION 1
PAGE 2 of 2

SECTION 1 - GENERAL LICENSEE INFORMATION (Continued)

Enter the name, telephone number, and title of the person who is the responsible individual for the device(s).

Last Name:

J U O M I

First Name:

M I K E

Middle Initial:

Telephone:

7 2 0 - 5 5 6 - 8 7 4 5

Extension:

Title:

R S O

Enter the mailing address where correspondence regarding your device(s) should be sent.

Department:

Address Line 1:

9 5 0 TH 1 7 ~~TH~~ STREET

Address Line 2:

S U I T E 2 0 0 0

City:

D E N V E R

State:

C O

Zip Code:

8 0 2 0 2 -

GL - 727112 - 19

Date

SECTION 2

PAGE 1 OF 5

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

NRC Device Key

(Internal Control Number)

Distributor/Distributed By:

THERMO FISCHER SCIENTIFIC

Distributor License Number:

L03524

Manufacturer Name:

THERMO MEASURETECH

Device Model (Not Source Model):

5190

Device Serial Number:

B8277

☐ Not in possession of device (Also complete Section 4)

Transfer Date: MM/DD/YYYY

03 21 2016

MM

DD

YYYY

Isotope (e.g., AM241)

Activity (e.g., 100)

Unit (e.g., mCi)

1.

C5137

200

mCi

2.

3.

4.

5.

6.

GL - 727112 - 19

Date

SECTION 2

PAGE 2 OF 5

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

NRC Device Key (Internal Control Number)

Distributor/Distributed By:

THERMO FISCHER SCIENTIFIC

Distributor License Number:

L03524

Manufacturer Name:

THERMO MEASURETECH

Device Model (Not Source Model):

S190

Device Serial Number:

B8439

☐ Not in possession of device (Also complete Section 4)

Transfer Date: MM/DD/YYYY

03 21 2016

MM

DD

YYYY

Isotope (e.g., AM241)

Activity (e.g., 100)

Unit (e.g., mCi)

1.

CS137

200

mCi

2.

3.

4.

5.

6.

GL - 727112 - 19

Date

SECTION 2

PAGE 3 OF 5

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

NRC Device Key (Internal Control Number)

Distributor/Distributed By:

THERMO FISCHER SCIENTIFIC

Distributor License Number:

L03524

Manufacturer Name:

THERMO MEASURETECH

Device Model (Not Source Model):

5192

Device Serial Number:

B7954

☐ Not in possession of device (Also complete Section 4)

Transfer Date: MM/DD/YYYY

03 21 2016

MM

DD

YYYY

Isotope (e.g., AM241)

Activity (e.g., 100)

Unit (e.g., mCi)

1.	C5137	200	mCi
2.			
3.			
4.			
5.			
6.			

GL- 727112 - 19

Date

SECTION 2

PAGE 4 OF 5

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

NRC Device Key (Internal Control Number)

Distributor/Distributed By:

THERMO FISCHER SCIENTIFIC

Distributor License Number:

L03524

Manufacturer Name:

THERMO MEASURETECH

Device Model (Not Source Model):

5190

Device Serial Number:

38440

☐ Not in possession of device (Also complete Section 4)

Transfer Date: MM/DD/YYYY

03 21 2016

MM

DD

YYYY

Isotope (e.g., AM241)

Activity (e.g., 100)

Unit (e.g., mCi)

1.

CS137

200

mCi

2.

3.

4.

5.

6.

GL- 727112 - 119

Date

SECTION 2

PAGE 5 OF 5

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

NRC Device Key (Internal Control Number)

Distributor/Distributed By:

THERMO FISCHER SCIENTIFIC

Distributor License Number:

L03524

Manufacturer Name:

THERMO MEASURETECH

Device Model (Not Source Model):

5192

Device Serial Number:

B6058

☐ Not in possession of device (Also complete Section 4)

Transfer Date: MM/DD/YYYY

03 21 2016

MM

DD

YYYY

Isotope (e.g., AM241)

Activity (e.g., 100)

Unit (e.g., mCi)

1.	C5137	200	mCi
2.			
3.			
4.			
5.			
6.			



05/05/2015

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary.

PAGE 1 of 4

NRC Device Key 833910 (Internal Control Number)

Distributor/Distributed By: THERMO FISCHER SCIENTIFIC

[illegible]

Distributor License Number: L03524

[illegible]

Manufacturer Name: THERMO MEASURETECH

[illegible]

Device Model (Not Source Model): 5190

[illegible]

Device Serial Number: B8844

[illegible]**Transfer Date (Receipt Date): 12/15/2014**[illegible]

☐ Not in possession of device (Also complete Section 4.)

MM

DD

YY YY

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137 <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	200.000000000 <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	mCi <div> <div></div> <div></div> <div></div> </div>
2	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
3	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
4	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
5	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
6	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>





05/05/2018

SECTION 2

PAGE 2 of 4

MM DD YYYY

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137 <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	200.000000000 <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	mCi <div> <div></div> <div></div> <div></div> </div>
2	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
3	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
4	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
5	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
6	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>





05/05/2015

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary.

PAGE 3 of 4

NRC Device Key **833912** **(Internal Control Number)**

Distributor/Distributed By: THERMO FISCHER SCIENTIFIC

[illegible]

Distributor License Number: L03524

[illegible]

Manufacturer Name: THERMO MEASURETECH

[illegible]

Device Model (Not Source Model): 5192

[illegible]

Device Serial Number: B8159

[illegible]**Transfer Date (Receipt Date): 12/15/2014**

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☐ Not in possession of device (Also complete Section 4.)

MM

DD

YY YY

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137 <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	200.000000000 <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	mCi <div> <div></div> <div></div> <div></div> </div>
2	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
3	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
4	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
5	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
6	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>





05/05/2015

SECTION 2

PAGE 4 of 4

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MM DD YYYY

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	CS137 <div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	200.000000000 <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	mCi <div> <div></div> <div></div> <div></div> </div>
2	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
3	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
4	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
5	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>
6	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> <div></div> </div>



Date _____

PAGE 1 OF

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

Transfer Date

☐ Whereabouts Unknown
(Complete Part 1 only)

☐ Never Possessed the Device
(Complete Part 1 only)

☐ Returned to Manufacturer
(Complete Part 1 only)

☐ Transferred to another general licensee
(Complete Parts 2 and 3)

☐ Transferred to a Specific Licensee (not the manufacturer)
(Complete Part 2)

License Number of Recipient (if transferred to a specific licensee)

[illegible][illegible][illegible][illegible][illegible][illegible]

N	A
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2	/	A		
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[illegible][illegible]

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[illegible]

GL - ☐☐☐☐☐☐ - ☐☐

Date _____

SECTION 5
PAGE 1 of 1

SECTION 5 - CERTIFICATION

I hereby certify that:

- A. All information contained in this registration is true and complete to the best of my knowledge and belief.
- B. A physical inventory of the devices subject to registration has been completed and the device information on this form has been checked against the device labeling.
- C. I am aware of the requirements of the general license, provided in 10 CFR 31.5.
(Copies of applicable regulations may be viewed at the NRC web site at www.nrc.gov/reading-rm/doc-collections/cfr/)



SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)

3-21-16

DATE

WARNING: FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.

GL - -

Date

SECTION 6
PAGE 1 OF

SECTION 6 - DEVICES NOT SUBJECT TO REGISTRATION

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

GL - -

Date

SECTION 6 - DEVICES NOT SUBJECT TO REGISTRATION

SECTION 6
PAGE OF

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

NRC Device Key: Manufacturer License No.:

Manufacturer Name:

Model Number: Serial No.: Transfer Date:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

Isotope: Activity: Unit:

SA DOT 7A TYPE A

POSSESSION, USE, AND TRANSFER OF THIS DEVICE ARE
GENERAL LICENSE OR THE EQUIVALENT AND THE REGULATION
STATE WITH WHICH THE NRC HAS ENTERED INTO AN
THE EXERCISE OF REGULATORY AUTHORITY.
OR DISPOSAL IS PROHIBITED. TRANSFERS MUST BE IN
NRC OR AGREEMENT STATE REGULATIONS.
OPERATION IS PROHIBITED IF THERE IS ANY INDICATION
THE SOURCE SHIELDING OR SHUTTER. THERMO FISHER SCIENTIFIC

SPECIFICALLY AUTHORIZED BY THE NRC OR AN AGREEMENT
MAY RELOCATE, DISMANTLE OR REPAIR THE SOURCE CONTAINMENT
DEVICE.

WILL BE LEAK TESTED, FOLLOWING MANUFACTURER'S
INTERVALS NOT TO EXCEED THREE YEARS, THE LICENSEE
RECORDS OF THE RESULTS ON FILE.

WILL BE CHECKED FOR PROPER SHUTTER-MECHANISM FUNCTION
EVERY SIX MONTHS. THE LICENSEE MUST MAINTAIN RECORDS
ON FILE.

INFORMATION ON REGULATORY AND SAFETY REQUIREMENTS
OPERATING MANUAL FURNISHED BY THERMO FISHER SCIENTIFIC

THERMO FISHER SCIENTIFIC

MAINTAINED ON THE DEVICE IN A LEGIBLE CONDITION

CAUTION
RADIOACTIVE MATERIAL

RAYONNEMENT-DANGER-RADIATION
FORM-CERAMIC SOLID

MODEL

5192

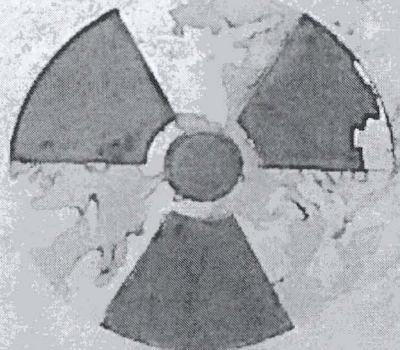
SERIAL NO.

B8159

DATE MEAS.

12/12

TAG NO.



ISOTOPE

Cs-137

AMOUNT

200mCi

Thermo Fisher Scientific

800-437-7979

DO NOT REMOVE TAG

MADE IN USA