



Acuren Inspection

4566 Abrahamson Road
Duluth, MN 55811

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Materials Engineering & Testing

~~Security Related Information Withheld Under CFR 2.200~~

April 10, 2018

NRC Region III/Division of Nuclear Material Safety
Frank Tran Health Physicist
2443 Warrenville Road Suite 210
Lisle, IL 60532

Re: License 22-27593-01 Amendment Request

Dear Mr. Tran,

Acuren Inspection Inc. had submitted the following amendment request regarding the removal of a storage location.

1. Removal of Field Station located at 2525 Old Hardin Road, Suite A, Billings, Montana. Leak tests are attached, as requested by your email.
2. Model # 773 Serial # 89 Calibrator
3. Model # 880 Serial # D3090
4. Model # 880 Serial # D3509
5. Model # 880 Serial # D3869
6. Model # 880 Serial # D3896
7. Model # 880 Serial # D4652
8. Model # 880 Serial # D4819
9. Model # 880 Serial # D6833
10. Model # 880 Serial # D6834
11. Model # 880 Serial # D11674

If you have any other questions or comments please feel free to contact me at any time, either by email or by phone. I thank you for reviewing the attached information and hope we can continue to work together for a safe and more adequate program.

Respectfully,

Bruce F. Karie
Corporate Director of Radiation Safety
Acuren Inspection Inc.

RECEIVED APR 10 2018



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model 880 Delta Serial Number D11674

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

_____, Lot # _____

_____, Lot # _____

_____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Luthe Longtin

Date of Maintenance and Leak Test: Oct. 19, 2017



Certificate of Maintenance

Exposure Device Model: 880 Delta **Serial Number:** D6834

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable), & IAEA SSG-1 (Specific Safety Guide). 10 CFR 34.73 requires retention of this record for three years.

Services performed include:

- Inspection of the device body and protective jacket (when applicable) for damage or excessive wear.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The outlet mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a borescope inspection of the "S" tube performed.

The device has been functionally tested. The following Class A components were replaced:

* If left blank, no Class 'A' components required replacement. *
 (Refer to attached F-P-2701-017, 880 Service Program Sheet for a complete list of parts replaced)

<u>Part Number</u>	<u>Qty</u>	<u>Lot Number</u>
5CR-154	1	1711700303

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and equivalent Agreement State regulations & ISO 9978. The amount of removable contamination did not exceed 0.005 microcuries.

Comments:

Certified Maintenance & Leak Test by: Luke Langlois

Date of Maintenance & Leak Test: Feb. 15, 2018



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model 880 Delta **Serial Number** D3869

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

_____, Lot # _____

_____, Lot # _____

_____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Ren Joslyn

Date of Maintenance and Leak Test: 9/25/17



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model BB0 Delta **Serial Number** D6833

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

- _____, Lot # _____
- _____, Lot # _____
- _____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Luke Laroche

Date of Maintenance and Leak Test: Oct. 3, 2017



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model 880 D.H. **Serial Number** D4819

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

- _____, Lot # _____
- _____, Lot # _____
- _____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Walter Longlois

Date of Maintenance and Leak Test: Dec. 15, 2017



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model: 880 Delta **Serial Number:** D 4652

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable), & IAEA SSG-11 (Specific Safety Guide). 10 CFR 34.73 requires retention of this record for three years.

Services performed include:

- Inspection of the device body and protective jacket (when applicable) for damage or excessive wear.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The outlet mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a borescope inspection of the "S" tube performed.

The device has been functionally tested. The following Class A components were replaced:

* If left blank, no Class 'A' components required replacement. *
 (Refer to attached F-P-2701-017, 880 Service Program Sheet for a complete list of parts replaced)

<u>Part Number</u>	<u>Qty</u>	<u>Lot Number</u>

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and equivalent Agreement State regulations & ISO 9978. The amount of removable contamination did not exceed 0.005 microcuries.

Comments:

Certified Maintenance & Leak Test by: Luke Langlois

Date of Maintenance & Leak Test: Jan 25, 2018



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model 880 Delta **Serial Number** D3896

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

_____, Lot # _____

_____, Lot # _____

_____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Lutte Benglois

Date of Maintenance and Leak Test: Dec 7, 2017



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model BBO Delta **Serial Number** D 3509

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable). 10 CFR 34.73 requires retention of this record for three years.

Services performed may include:

- Inspection of the device body and protective jacket (when applicable) for damage.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The front shutter mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a boroscope inspection of the "S" tube performed.

The device has been functionally tested. The following class A traceable components were replaced:

_____, Lot # _____

_____, Lot # _____

_____, Lot # _____

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and LAC 33: XV, Section 544 (F). The amount of removable contamination did not exceed 0.005 microcuries.

Comments: _____

Service Office Location: Baton Rouge Houston

Certified Maintenance and Leak Test performed by: Lukie Longlais

Date of Maintenance and Leak Test: Nov. 16, 2017



QSA GLOBAL

Certificate of Maintenance

Exposure Device Model: 880 Delta **Serial Number:** D 3090

QSA Global, Inc. certifies that the above radiographic device has been serviced and inspected, and is in good working order. The maintenance has been performed by qualified technicians and complies with the requirements of the U.S. Nuclear Regulatory Commission (NRC) 10 CFR 34.31, N.R.C. and U.S. Department of Transportation Type B Certification (as applicable), & IAEA SSG-11 (Specific Safety Guide). 10 CFR 34.73 requires retention of this record for three years.

Services performed include:

- Inspection of the device body and protective jacket (when applicable) for damage or excessive wear.
- Inspection of required labeling for legibility & compliance.
- The rear Locking Assembly has been disassembled, cleaned, inspected and lubricated.
- Rear Locking Assembly internal dimensions are confirmed to be in specification.
- The outlet mechanism has been disassembled, cleaned, inspected and lubricated.
- Replacement springs have been installed as required.
- Hardware is installed with lubricant or thread lock and tightened to torque specifications.
- The S-tube has been cleaned and a borescope inspection of the "S" tube performed.

The device has been functionally tested. The following Class A components were replaced:

* If left blank, no Class 'A' components required replacement. *

(Refer to attached F-P-2701-017, 880 Service Program Sheet for a complete list of parts replaced)

<u>Part Number</u>	<u>Qty</u>	<u>Lot Number</u>

A Depleted Uranium wipe test was performed on the "S" Tube of this device prior to servicing in accordance with the requirements of USNRC 10 CFR 34.27(e) and equivalent Agreement State regulations & ISO 9978. The amount of removable contamination did not exceed 0.005 microcuries.

Comments:

Certified Maintenance & Leak Test by: Luke Langlois

Date of Maintenance & Leak Test: Jan. 15, 2018



QSA Global Inc.
6765 Langley Drive
Baton Rouge, Louisiana 70809
Tel: 225-751-5893
Fax: 225-756-0365

ACUREN INSPECTION, INC
2525 OLD HARDIN ROAD
SUITE A
BILLINGS MT 59101

This is to advise results of the leak test samples received by QSA Global Inc.

Isotope	Serial number	Date of Test	Results
CS137	8-1070	10/24/17	<.005uCi

Analyzed by: THEO EWING

Date Analyzed: Oct-30-2017



ACUREN

Acuren Inspection, Inc.
4566 Abrahamson Rd
Duluth, MN 55811
218-336-4668 | 218-722-5404 | bkarie@acuren.com

fax

TO: Frank Tran	FROM: Bruce F Karie
FAX: 630-515-1078	PAGES: 11
PHONE: 630-829-9623	DATE: April 10, 2018
RE: License 22-27593-01 Amendment Request	CC: Names

Urgent For Review Please Comment Please Reply Please Recycle

Comments: Frank, Attached you will find the requested information for the Old Hardin Rd amendment request. Please contact me at your earliest convenience if you have any questions.