

ATC

GROUP SERVICES LLC

3 Terri Lane
Suite 4
Burlington, New Jersey 08016
Telephone 609-386-8800
Fax 609-386-7951

December 16, 2015

Mr. Dennis Lawyer
U.S. Nuclear Regulatory Commission, RI
Division of Nuclear Materials Safety
Materials Security and Industrial Branch
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

Br. 2

Re: Amendment to License Number: 29-30863-01/03036466

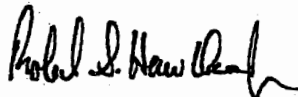
Dear Mr. Lawyer:

We are submitting this letter to formally amend our existing NRC license #29-30863-01 for the following items

1. Paragraph 1 -- Amend license to change the name of the licensee from ATC Group Services, Inc. dba Cardno ATC to ATC Group Services LLC. The Administrative Address has not changed.
2. Paragraph 12 -- Amend license to reveal Robert S. Hawthorne, Jr. as the new Radiation Safety Officer and Bryan M. McCarthy as the Jr. Radiation Safety Officer and remove William J. Carty as the previous Radiation Safety Officer.

Thank you for your help in this matter. Should you have any questions regarding this matter please feel free to contact our office.

Sincerely,



Robert S. Hawthorne Jr.
Manager, CQC-CMT
for ATC
Direct Line +1 809-479-8519
Email: robert.hawthorne@atcassociates.com



John Devine
Vice President for ATC
Direct Line +1) 570-587-3339
Email: john.devine@atcassociates.com

589783
NRCSS/RONI MATERIALS-002

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U.S. NUCLEAR REGULATORY COMMISSION

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Amendment No. 5

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. ATC Group Services, Inc. LLC, -dba-Gardne-ATC</p> <p>2. 3 Terrie Lane, Suite 4 Burlington, New Jersey 08016</p>	<p>In accordance with the application dated December 23, 2013,</p> <p>3. License number 29-30863-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2024</p> <hr/> <p>5. Docket No. 030-36466 Reference No. 2</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (AEA Technology/QSA Inc. Model CDCW-556 and IPL Model HEG-137)</p> <p>B. Sealed Sources (AEA Technology/QSA Inc. Model AMNV.997 and IPL Models AM1.NO2, 3021, and 3027)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 117 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>B. 396 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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9. Authorized use:

A. and B. In Troxler Electronic Laboratories Inc. Model No. 3400 series portable gauging devices for measuring physical properties of materials.

A. In Troxler Model No. 4640 portable gauging devices for measuring physical properties of materials.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
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CONDITIONS

10. Licensed material may be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in application dated December 23, 2013, and have been designated, in writing, by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer for this license is ~~William J. Garty~~ *Robert S Hawthorne Jr.*
Bryan McCarthy
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

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SUPPLEMENTARY SHEET**

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- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
14. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
15. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport or storage, or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

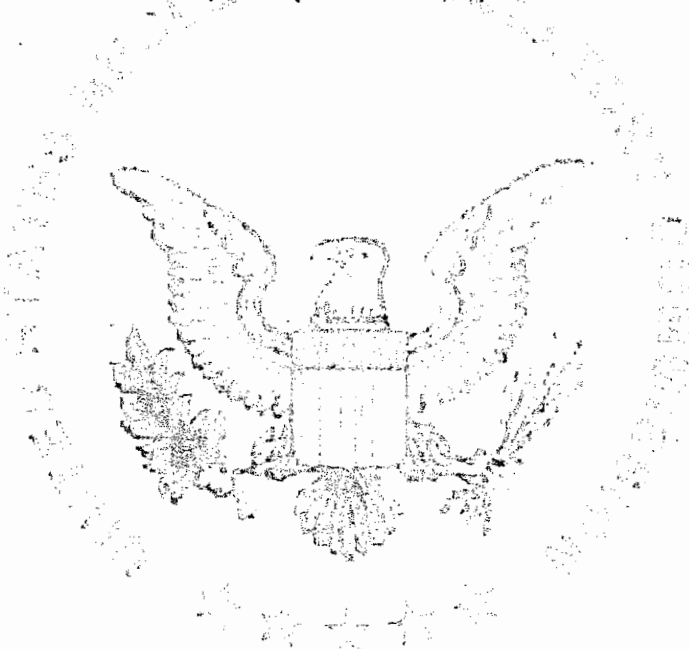
License Number
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19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated December 23, 2013 (ML14015A273)



For the U.S. Nuclear Regulatory Commission

Date January 22, 2014

By *Dennis R. Lawyer*
Dennis R. Lawyer
Commercial, Industrial, R&D and Academic Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406
Wednesday, January 22, 2014 12:36:43



North East Technical Services, Inc.

Certifies that

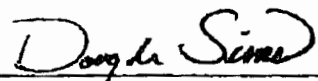
Robert Hawthorne

Has successfully completed North East Technical Services, Inc. Radiation Safety Officer Training Course for Nuclear Gauges, in accordance with Nuclear Regulatory Commission and current US DOT regulations.

Training materials are maintained at:

North East Technical Services, Inc.
75 Aileron Court, Suite 4
Westminster, MD 21157

Date of Completion: December 17, 2014


Instructor: Douglas C. Sims

Q/C RESOURCE

Training Course Certification

This is to certify that

Robert S. Hawthorne Jr.

has successfully completed the user's course as required by the U.S. Nuclear Regulatory Commission and the Agreement States, in the Fundamentals of Safety and Gage operation, for the use of nuclear moisture/density equipment.

The course covered:

Atomic Physics

Radiation Safety

Dose/Shielding Calculations

Accidents/Storage

Transportation

Risk

ALARA

Measurement Theory

Operation

Field Applications

Calibration

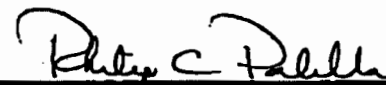
Maintenance

April 10, 1999

Date of Training

3434

Certificate Number



Instructor - Phillip C. Pallila

Manufacturer's Rep



North East Technical Services, Inc.

Certifies that

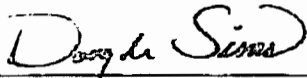
Bryan S. McCarthy

Has successfully completed North East Technical Services, Inc. Radiation Safety Officer Training Course for Nuclear Gauges, in accordance with Nuclear Regulatory Commission and current US DOT regulations.

Training materials are maintained at:

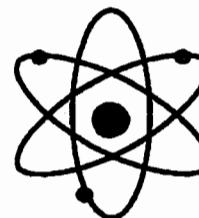
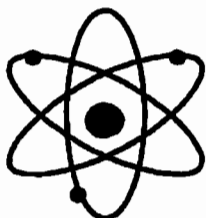
North East Technical Services, Inc.
75 Aileron Court, Suite 4
Westminster, MD 21157

Date of Completion: December 17, 2014


Instructor: Douglas C. Sims

Q/C RESOURCE

Training Course Certification



This is to certify that

Bryan McCarthy

has successfully completed the RSO and Operator's course as required by the U.S. Nuclear Regulatory Commission and the Agreement States, in the Fundamentals of Safety and Gauge operation, for the use of Nuclear Moisture / Density equipment. This course meets the requirements in NUREG 1556 Vol 1, Appendix D. It covered:

Atomic Physics

49 CFR Transportation

Operation

Radiation Safety

Risk

Field Applications

Dose/Shielding Calculations

ALARA

Calibration

Accidents/Storage

Measurement Theory

Maintenance

June 13, 2006

8955

A handwritten signature in black ink that reads "Phillip C. Palilla".

Date Of Training

Certificate Number

*Instructor - Phillip C. Palilla
Manufacturer's Rep*

This is to acknowledge the receipt of your letter application dated

12/16/2015, and to inform you that the initial processing which includes an administrative review has been performed.

29-30863-01 (Amendment)
 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

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

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 589783
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.