



Chemung Contracting Corporation

P. O. Box 12
10496 Quarry Drive
Mitchells, Virginia 22729
Phone 540-829-7203
Fax 540-829-5593

Vendor #C224

Br. 3

Friday August 4, 2006

**Nuclear Material Licensing Section
U.S. Nuclear Regulatory Commission, Region II**

Atlanta Federal Center
61 Forsythe St., Suite 23T85
Atlanta, GA 30303

RE: License No. 45-25399-01

03034484

Subject: Radiation Safety Officer

Dear Sirs;

Please amend the above referenced Radioactive License to change the Radiation Safety Officer from Christopher S. Decker to David D. Bradeson. Enclosed is a copy of his Training Certifications for the Nuclear Gauge and the Radiation Safety Officer as well as a brief Resume of his experience.

Should you have any questions, please contact either David Bradeson or myself at (540) 829-7203.

Chemung Contracting Corp.

Edward C. Dalrymple, Jr.
Vice President

enc: Certifications
Resume

cc: RSO Manual, DDB File

REC'D IN LAT 8/16/06

139265
NMSS/RGNI MATERIALS-002

David D. Bradeson, P.E.
Regional Project Manager
Chemung Contracting Corporation

Bachelor of Science - Civil Engineering Technology
University of North Carolina at Charlotte

Registered Professional Engineer
State of Virginia

CHEMUNG CONTRACTING CORPORATION

5/06 – Present *Mitchells, VA*
Regional Project Manager
Site work, Roadway, Asphalt Plant

JONES BROS., INC.

11/98 – 5/06 *Virginia, North Carolina, and Florida*
Project / Operations Manager
Roadway, Site Work, Bridge Work, Site Safety

JOHNSON BROTHERS, CORP.

7/98 – 11/98 *Orlando, FL*
Chief Field/Project Engineer
Bridge Work, Site Safety

THE HARDAWAY COMPANY

10/95 – 7/98 *North Carolina and South Carolina*
Chief Field/Project Engineer
Bridge Work, Site Safety

U.S. COAST GUARD RESERVES

6/89 – 6/05 *Fort Macon, NC and Georgetown, SC*
BM3-Small Boat Coxswain and Assistant Boarding Officer.

PROFESSIONAL LICENSES, TRAINING, and REGISTRATIONS:

Professional Engineer, Virginia License No. 034544
American Society of Civil Engineers Member
Nuclear Gage Certification
Radiation Safety Officer Certification
30 hour OSHA Training
3M Respirator Training Instructor
AutoCad
SureTrak Scheduling
HCSS Bidding Software
Weekly Job Cost and Cost Projections

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RECEIVED
REGION 1



HUMBOLDT SCIENTIFIC, INC.
RSO Certification

David D. Bradeson, P.E.

**HAS SUCCESSFULLY COMPLETED A CERTIFIED
RADIATION SAFETY OFFICER COURSE**

Subjects included were:

RSO Duties and Responsibilities

Radiation Safety Practices

Regulatory Requirements

Dose/Shielding Requirements

Accidents/Storage

Regulatory Guidance (NUREG-1556, Vol. 1)

Transportation/HAZMAT Requirements

Risk

ALARA

Radiation Measurement

Operating and Emergency Procedures

Calibration and Maintenance

Record Keeping

Date of Training: **July 18, 2006**

Location: **Manassas, VA**

Certificate Number: **6550**

HAZMAT Expiration Date: **July 18, 2009**



Instructor: Keith Earnshaw

Humboldt Scientific, Inc.

551-D Pylon Drive

Raleigh, NC 27606



HUMBOLDT SCIENTIFIC, INC.

HUMBOLDT Nuclear Gauge Training Certification

David D. Bradeson, P.E.

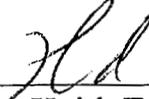
HAS SUCCESSFULLY COMPLETED A CERTIFIED COURSE ON RADIATION SAFETY, TRANSPORT AND OPERATION OF INSTRUMENTS USING GAMMA AND NEUTRON RADIATION TO MEASURE THE PHYSICAL PROPERTIES OF CONSTRUCTION MATERIALS

Subjects included were:

Types and basic unit of ionizing radiation.
Calculations related to radiation safety.
Biological effects of radiation.
Methods of protection.
Leak testing procedures.
Procedures for safe transport (HAZMAT) and storage.
Federal and State Regulations.

Accident prevention and procedures.
Instrument theory and operation.
Limitations of field maintenance.
Instrument standardization and calibration.
Test site selection and preparation.
Field operation and calculations.
Types and reasons for measurement errors.

Date of Training: **July 17, 2006**
Location: **Manassas, VA**
Certificate Number: **6547**
HAZMAT Expiration Date: **July 17, 2009**


Instructor: Keith Earnshaw
Humboldt Scientific, Inc.
551 -D Pylon Drive
Raleigh, NC 27606

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.

Licensee		In accordance with application dated June 5, 1997	
1.	Chemung Contracting Corporation c/o Cedar Mountain Stone Corporation Blacktop Plant	3. License Number	45-25399-01
2.	10496 Quarry Drive, Route 649 Mitchells, Virginia 22729	4. Expiration Date	June 30, 2007
		5. Docket or Reference No.	030-34484
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Cesium 137	A. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license	A. No single source to exceed 370 Megabecquerels (10 millicuries)	
B. Americium 241	B. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license	B. No single source to exceed 1.85 Gigabecquerels (50 millicuries)	

9. Authorized Use

A. and B. To be used, for measurement purposes, in portable Troxler Electronic Laboratories, Inc. or other gauging devices that have been registered with NRC under 10 CFR 32.210 or with an Agreement State, and have been distributed in accordance with an NRC or Agreement State Specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.

License Number 45-25399-01

Docket or Reference Number 030-34484

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

CONDITIONS

10. Licensed materials may be stored at the licensee's facilities located at 10496 Quarry Drive, Route 649, Mitchells, Virginia, and may be used at temporary job locations of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11.
 - A. Licensed material shall only be used by, or under the supervision and in the physical presence of, Christopher S. Decker, or individuals who have successfully completed the manufacturer's training program for gauge users, have received copies of, and training in, the licensee's operating and emergency procedures, and have been designated by the Radiation Safety Officer; and
 - B. The Radiation Safety Officer for this license is Christopher S. Decker.

12.
 - A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State;
 - B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested;
 - C. Sealed sources need not be tested if they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or they are not designed to emit alpha particles, 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 or detector cell 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 of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50 (b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region II, Division of Nuclear Materials Safety, Materials Licensing/Inspection Branch, 61 Forsyth Street, S.W., Suite 23T85, Atlanta, Georgia 30303-3415. The report shall specify the source involved, the test results, and corrective action taken; and
 - E. The licensee is authorized to collect leak test samples for analysis by Troxler Electronic Laboratories, Inc. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-25399-01

Docket or Reference Number 030-34484

(continued)

CONDITIONS

14. The licensee shall conduct a physical inventory at intervals not to exceed 6 months to account for all sources and/or devices received and possessed under the license.
15. Each portable 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, storage, or when not under the direct surveillance of an authorized user.
16. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. Any cleaning, maintenance, or repair of the gauges that requires removal of the source rod shall be performed only by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. A. The licensee may not possess and use materials authorized in Items 6, 7, and 8, until:
 1. The licensee has constructed the facilities and obtained the equipment described in the application and supporting documentation; and
 2. The licensee has notified the U. S. Nuclear Regulatory Commission, Region II, Division of Nuclear Materials Safety, Materials Licensing/Inspection Branch, 61 Forsyth Street, S.W., Suite 23T85, Atlanta, Georgia 30303-3415, in writing, that the activities authorized by the license will be initiated.B. In accordance with the requirements set forth in 10 CFR 30.36(d), the licensee shall notify the Chief, Materials Licensing/Inspection Branch at the address above, in writing, of a decision not to complete the facility, acquire equipment, or possess and use authorized material.
20. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number 45-25399-01

Docket or Reference Number 030-34484

(continued)

CONDITIONS

21. 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 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: June 5, 1997

B. Letter dated June 9, 1997 [Change in RSO]

C. Letter dated June 17, 1997 [Facsimile regarding additional information for submitted application]



FOR THE U. S. NUCLEAR REGULATORY COMMISSION

for EARL G. WRIGHT

David J. Collins

Date JUN 20 1997

By Region II, Division of Nuclear Materials Safety
61 Forsyth Street, S.W., Suite 23T85
Atlanta, Georgia 30303-3415

This is to acknowledge the receipt of your letter/application dated

8/4/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 45-25339-01 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** 139265.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R)
(6-96)

Sincerely,
Licensing Assistance Team Leader