



P.O. BOX 6150 • TRAVERSE CITY, MI 49696-6150  
PHONE (231) 943-3443 • FAX (231) 943-8975

BEAVERTON • BIG RAPIDS • CADILLAC • HOUGHTON LAKE • KALKASKA • LUDINGTON • MANISTEE • MT. PLEASANT • OMER • OSCODA • TRI-CITY • WHITE CLOUD

October 28, 2010

Mike Herr  
US NRC, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**RE: Additional Information to control number 573363**

Dear Mr. Herr:

As requested, please see the enclosed copy of the NETSI license to possess nuclear material.

NETSI took possession of our Troxler Gauge Model #3411B, serial #18159 in March this year.

Please continue the process for termination of our NRC license. If you have any questions or comments, please feel free to contact me.

Sincerely,  
TEAM ELMER'S

Jack R. Morris, P.E.  
Compliance Engineer

RECEIVED NOV 02 2010



Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 1 of 6

Pursuant to the Maryland Radiation Act, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. The license is subject to all applicable rules, regulations and orders of the Maryland State Department of the Environment, now or hereinafter in effect and to any conditions specified below.

<b>1. Name:</b> North East Technical Services LLC		<b>3. License No.:</b> MD-13-020-01
<b>2. Address:</b> 75 Aileron Court Suite 4 Westminster, Maryland 21157		<b>4. Amendment No.:</b> 11 RENEWAL Code 03225
		<b>5. Expiration Date:</b> March 31, 2017
<b>6. Radioactive material (element and mass number)</b>	<b>7. Chemical and/or physical form</b>	<b>8. Maximum amount of activity which licensee may possess at any one time</b>
A. Cesium-137	A. Sealed Source (CPN 131)	A. No source to exceed 10 millicuries
B. Americium-241:Be	B. Sealed Source (CPN 131)	B. No source to exceed 50 millicuries
C. Cesium-137	C. Sealed Source (HIS DWG 2200064)	C. No source to exceed 11 millicuries
D. Americium-241:Be	D. Sealed Source (HIS DWG 2200067)	D. No source to exceed 44 millicuries
E. Cesium-137	E. Sealed Source (Troxler DWG 10212)	E. No source to exceed 9 millicuries
F. Americium-241:Be	F. Sealed Source (Troxler DWG 102451)	F. No source to exceed 44 millicuries



Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 2 of 6

License Number: MD-13-020-01

Amendment Number: 11 CODE 03225

G. Cesium-137	G. Sealed Source (AEA Technologies Model CDCW.556 Capsule Type X 1218, Model CDCW.556 Capsule Type XN 30, IPL Model HEG 137-8M)	G. No source to exceed 9 millicuries
H. Americium-241:Be	H. Sealed Source (AEA Technologies Model AMNV.997 Capsule Type X.1, IPL Model 3021 or 3027)	H. No source to exceed 44 millicuries
I. Americium-241:Be	I. Sealed Source ( Amersham Model AAMNV.339, Capsule type X.2105)	I. No source to exceed 300 millicuries
J. Cesium-137	J. Sealed Source (AEA Technologies Model CDC.805 Capsule type X.8, IPL Model HEG-137, Capsule type 3024)	J. No source to exceed 11 millicuries
K. Americium-241:Be	K. Sealed Source (AEA Technologies Model AMNV.997 Capsule Type X.1, IPL Model AM1.NO2 Capsule type NO2)	K. No source to exceed 44 millicuries
L. Cesium-137	L. Sealed Source (AEA Technologies Model CDCW.556 Capsule Type X.1218 or XN.30, IPL Model HEG 0058 Capsule Type 3024)	L. No source to exceed 9 millicuries
M. Americium-241:Be	M. Sealed Source ( Amersham Model AMNV.997 Capsule type X.1, IPL Model 3021 or 3027)	M. No source to exceed 44 millicuries





Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 3 of 6

License Number: MD-13-020-01

Amendment Number: 11 CODE 03225

N. Californium-252

N. Sealed Source ( Amersham  
Model CVN.CY2 Capsule type  
X.1, IPL Model HEG 0057  
Capsule type 3024)

N. No source to exceed 66  
microcuries

O. Americium-241:Be

O. Sealed Source ( Amersham  
Model ANNV.997, Capsule  
type X.1)

O. No source to exceed 44  
millicuries

P. Cesium-137

P. Sealed Source ( Amersham  
Model CDCW.556, Capsule  
type X.1218, IPL Model HEG  
0058 Capsule type 3024)

P. No source to exceed 9  
millicuries

Q. Americium-241:Be

Q. Sealed Source (Troxler DWG  
102113)

Q. No source to exceed 60  
millicuries

**THE LICENSEE SHALL  
NOT POSSESS MORE  
THAN 150 GAUGES.**

CONDITIONS

9. **Authorized Use(s):**

Service, sales, demonstrations, training and material testing:

A&B. For use in CPN, MC Series.

C&D. For use in Humboldt Scientific 5001 Series moisture/density gauges.

E&F. For use in Troxler Model 3401 and 3411 moisture/density gauges.

G. For use in Troxler Model 4640 and 4640B gauges.

H. For use in Troxler Model 3216, 3217, and 3218 gauges.

I. For use in Troxler Model 3241C gauges.

J&K. For use in Instro Tek 3500 Series gauges.

L. For use in Troxler Models 3430, 3430M, 3440, and 3440M gauges.

M. For use in Troxler 3430 and 3440 gauges.

N. For use in Troxler 3430M and 3440M gauges.

O&P. For use in Troxler Model 3450 gauges.

Q. For use in Troxler Models 3401, 3401B, 3411, and 3411B gauges.





Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 4 of 6

License Number: MD-13-020-01

Amendment Number: 11 CODE 03225

CONDITIONS

10. The authorized place of use is the licensee's address stated in Item 2, or clients' temporary training facilities throughout Maryland during portable gauge training of personnel. The licensee must notify the Radiological Health Program 30 days prior to vacating a permanent use address.
- 11A. The radiation protection program shall be under the supervision of Douglas C. Sims, Jr., assisted by John Waldman.
- 11B. Radioactive material shall be used by or under the supervision and in the physical presence of Douglas C. Sims, Jr.
- 11C. Portable gauge, radiation safety officer and radiation safety training shall be conducted by Douglas C. Sims, Jr. Douglas C. Sims, Sr. or Jeffery D. Castonguay.
12. The licensee shall comply with all appropriate provisions of COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation," and shall possess a copy of these regulations.
- 13A. Each sealed source containing radioactive material, other than Hydrogen-3 with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested. If there is reason to suspect that a sealed source might have been damaged, or might be leaking, it shall be tested for leakage before further use.
- 13B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of a device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate.
- 13C. Records of leak tests shall be kept in units of microcuries and maintained for inspection by the Department.
- 13D. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department regulations. A report shall be filed within five (5) days of the test with the Administrator, Radiological Health Program, 1800 Washington Boulevard, Baltimore, Maryland 21230, describing the equipment involved, the test results, and the corrective action taken.



Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 5 of 6

License Number: MD-13-020-01

Amendment Number: 11 CODE 03225

**Conditions Continued**

- 13E. Test for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission or another Agreement State to perform such services.
- 14. Sealed sources containing radioactive material shall not be opened.
- 15. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.
- 16. Transportation of radioactive material in the State of Maryland shall be in compliance with Part T, Section T.5 "Transportation of Licensed Material" of COMAR 26.12.01.01.
- 17. The licensee is authorized to conduct portable gauge, radiation safety officer and radiation safety training pursuant to submittals dated January 15, 16 and 20, 2004.
- 18A. The licensee shall not make any false statement, representation, or certification in any application, record, report, plan, or other document regarding radiation levels, tests performed or radiation safety conditions or practices. Additionally, the licensee shall not falsify, tamper with, or render inaccurate any monitoring device or method.
- 18B. Violation of any term, condition, or regulation could subject the licensee to administrative or civil penalty or criminal prosecution, as specified in Title 8, Radiation, of the Article Environment of the Annotated Code of Maryland.
- 19. The licensee shall not transfer ownership and/or control of this license to any person or entity without providing required information regarding the transfer for the Agency's review and without receiving written authorization for the transfer by the Agency.





Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 6 of 6

License Number: MD-13-020-01

Amendment Number: 11 CODE 03225

CONDITIONS CONTINUED

20. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material authorized by this license in accordance with statements representations, and procedures contained in:

➤ Renewal application dated January 19, 2010

COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

February 26, 2010

NAO

*BYP*  
*3-5-10*

Roland G. Fletcher, Manager IV  
Radiological Health Program

*NAO*

*2/26/2010*





017H15540752

HASLER

\$1.05

10/28/2010

Mailed From 49684

US POSTAGE



3600 Rennie School Road  
PO Box 6150  
Traverse City, MI 49696-6150

Mike Herr  
US NRC, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

