

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Andrews Materials Testing Service, Inc. 811 West Main Street St. Johns, MI 48879 REPORT NUMBER(S) 16-01	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	--

3. DOCKET NUMBER(S) 030-31668	4. LICENSE NUMBER(S) 21-26172-01	5. DATE(S) OF INSPECTION 2/01/2016
---	--	--

LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

1. Based on the inspection findings, no violations were identified.

2. Previous violation(s) closed.

3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

_____ Non-cited violation(s) were discussed involving the following requirement(s):

4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	E.L. Kulzer	<i>E.L. Kulzer</i>	2/1/16
BRANCH CHIEF	<i>Dana T. McCraw</i>	<i>[Signature]</i>	2/5/16

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Andrews Materials Testing Service, Inc. 811 West Main Street St. Johns, MI 48879 REPORT NUMBER(S) 16-01	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S) 030-31668	4. LICENSE NUMBER(S) 21-26172-01	5. DATE(S) OF INSPECTION 2/01/2016
--------------------------------------	---	---

6. INSPECTION PROCEDURES USED IP 87121	7. INSPECTION FOCUS AREAS 03.01 through 03.07
---	--

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Adam Andrews	4. TELEPHONE NUMBER (989) 224-3297
---------------------------------	----------------------	---	---

Main Office Inspection Next Inspection Date: TBD

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of small facility that conducted testing on materials. The licensee's owner/authorized user passed away two months before the inspection. The company had six Trozler gauges. The inspector determined that the family had control of the location. The inspector met with a family member at the facility to ensure that the gauges were secured and accounted for. The inspector determined that three of the gauges had been purchased by SME corporation NRC License No. 21-17158-02 that was licensed to possess them. The inspector determined that these gauges had been leak tested before transfer (see attached). The inspector determined that the remaining three gauges were properly secured at the Andrews facility. The gauges had not been used for several years due to the owner's illness. The inspector could not locate any additional paperwork and/or records at the facility.

Performance Observations

The inspector toured the facility observed the gauges in conjunction with the licensee's current inventory. The inspector gave the present owner of the gauges directions to apply for an NRC license for possession only. The licensee was not authorized to remove, use, and/or relocate gauges. The inspector instructed the gauge owner on proper securing of the gauges. The three gauges were secured in the locked room inside a locked building.

No violations of NRC requirements were identified during the inspection.



January 28, 2016

The Kramer Building
43980 Plymouth Oaks Blvd.
Plymouth, MI 48170-2584

T (734) 454-9900

www.sme-usa.com

Attn: Adam Andrews
Andrews Material Testing Services, Inc.
811 West State Sreet
St. Johns, MI 48879

Re: Purchase of Troxler Nuclear Gauges

Dear Mr. Andrews,

On November 4, 2015, SME took possession of three of your Troxler nuclear density gauges after purchasing other various pieces of testing equipment you had for sale. The gauges we purchased are:

Serial #
24372 (Troxler Model 3430)
23104 (Troxler Model 3430)
21881 (Troxler Model 3440)

We had leak tests performed by Troxler Electronic Laboratories, Inc. on the three gauges we purchased prior to taking possession of them and I have enclosed those leak test results along with a copy of our offer / receipt for your records. Please let me know if you have any questions or concerns.

Very truly yours,

SME

A handwritten signature in black ink, appearing to read "T. Shaheen".

Trevor D. Shaheen, SMSI
Operations Manager / Corporate RSO

Enclosures: Leak Test Results
Offer / Receipt (SME copy)





Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (866) 391-2759
License: NC 032-0182-1

TODD NEUMANN
SOIL & MATERIALS ENGINEERS
2663 EATON RAPIDS ROAD
LANSING, MI 48911

Cust ID: 1607

LEAK TEST CERTIFICATE

DEVICE:

Model: 3430 **Serial No:** 21881

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-17214	09/29/1992	Am-241:Be	1.48	40
75-3464	12/29/1992	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 10/28/2015
Sample analyzed on: 11/03/2015 10:43:29 A **Position:** 2
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	35
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (866) 391-2759
License: NC 032-0182-1

TODD NEUMANN
SOIL & MATERIALS ENGINEERS
2663 EATON RAPIDS ROAD
LANSING, MI 48911

Cust ID: 1607

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 **Serial No:** 23104

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-18921	11/30/1993	Am-241:Be	1.48	40
75-4914	12/30/1993	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 10/28/2015
Sample analyzed on: 11/03/2015 10:44:42 A **Position:** 3
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	25
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (886) 391-2759
License: NC 032-0182-1

TODD NEUMANN
SOIL & MATERIALS ENGINEERS
2663 EATON RAPIDS ROAD
LANSING, MI 48911

Cust ID: 1607

LEAK TEST CERTIFICATE

DEVICE:

Model: 3430 **Serial No:** 24372

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-20471	09/27/1994	Am-241:Be	1.48	40
75-6398	01/05/1995	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 10/28/2015
Sample analyzed on: 11/03/2015 10:42:17 A **Position:** 1
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	12
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**

Offer for Testing Equipment - SME - 10/19/15

Price	Quantity	Equipment
14,000	1	Pine w/ 4 molds (machine is removed from the room)
1,500	1	Forney Break Machine
1000	2	3430 Troxler(need source certification, most recent leak test & calibration papers)
700	1	3440 Troxler(need source certification, most recent leak test & calibration papers)
800	2	Convection Asphalt Ovens(in the room with the Pine)
500	1	Automatic Marshall Hammer w/ molds
200	2	Michigan Cone Sets w/ scales
100	1	Concrete Air Meters
120	1	LOI oven

18,920 Total

Note: All equipment would be for the Lansing office except the Forney Break Machine and the LOI oven. Lansing will have three 3411 Troxlers to transfer to another office or retire.