

## Simmons, Michelle

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**From:** Michlig, Paul <pmichlig@amengtest.com>  
**Sent:** Wednesday, December 28, 2016 1:16 PM  
**To:** Simmons, Michelle  
**Subject:** [External\_Sender] RE: RE: Deficiency Letter: American Engineering Testing, Inc. Mail Control Number 592233  
**Attachments:** Leak Test - MD90404962.pdf

Michelle

Attached is the leak test you requested. Let me know if you need anything else.

Paul

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**From:** Simmons, Michelle [mailto:Michelle.Simmons@nrc.gov]  
**Sent:** Thursday, December 22, 2016 4:15 PM  
**To:** Michlig, Paul  
**Subject:** RE: RE: Deficiency Letter: American Engineering Testing, Inc. Mail Control Number 592233

License Condition 13.C. on your license states "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."

Did Troxler perform a leak test on the portable gauge? I need a copy of the leak test. They should still have a record of the leak test if they did. You will need to contact them. I have to verify that the gauges were not leaking.

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**From:** Michlig, Paul [mailto:pmichlig@amengtest.com]  
**Sent:** Wednesday, December 21, 2016 4:47 PM  
**To:** Simmons, Michelle <Michelle.Simmons@nrc.gov>  
**Cc:** Temme, Robert <rtemme@amengtest.com>; Hovick, Jake <jhovick@amengtest.com>  
**Subject:** [External\_Sender] RE: Deficiency Letter: American Engineering Testing, Inc. Mail Control Number 592233

Good Afternoon Michelle

Per your request, I am submitting the leak test information requested below. Please let me know if you need any additional information.

Thanks,

Paul

**Paul Michlig**  
**Corporate Radiation Safety Officer**  
**Construction Services Manager**



**American Engineering Testing, Inc.**  
4203 Schofield Avenue, Suite 1, Schofield, WI 54476  
Direct: 715-359-3534 | Mobile: 715-571-7309  
Main: 715-359-3534 | Fax: 715-359-4032  
[pmichlig@amengtest.com](mailto:pmichlig@amengtest.com) | [www.amengtest.com](http://www.amengtest.com)

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**From:** Simmons, Michelle [<mailto:Michelle.Simmons@nrc.gov>]  
**Sent:** Tuesday, December 13, 2016 2:44 PM  
**To:** Michlig, Paul  
**Subject:** Deficiency Letter: American Engineering Testing, Inc. Mail Control Number 592233

Docket # 03018180  
NRC License # 22-20271-01  
Control # 592233

Mr. Michlig,

This email is in reference to your request to remove a location of use and storage from your license. In order to continue our review, please provide the most recent leak test results for each portable gauge stored at 3700 Highway 34, Pierre, South Dakota.

Please provide this information by December 30, 2016. **Your response should be signed, dated and on company letterhead stationery.** You may fax your signed response to 817-200-1263, referencing mail control 592233. When you send the fax, you may wish to leave a voicemail or e-mail message to alert me to look for it. If you are submitting your response by email, the response must be submitted in pdf format. Please send me an e-mail or call me at 817-200-1590 if you have any questions.

Michelle Simmons  
Health Physicist  
US NRC  
1600 East Lamar Blvd.  
Arlington, Texas 76011  
817-200-1590



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

Cust ID: 7365

TROXLER  
3008 E. CORNWALLIS RD  
RTP, NC 27709

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### LEAK TEST CERTIFICATE

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**DEVICE:**

Model: MC1-DRP

Serial No: MD90404962

**LEAK TEST ANALYSIS:**

Sample collected on: 07/11/2012

Sample analyzed on: 07/11/2012 9:38:18 AM Position: 8

Analyzed by: D. Rose

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	2	27
Sample measurement (cpm)	0	23
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.7E-01	1.4E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi)

Greater than 185 Bq (0.005 uCi)