



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD – SUITE 102  
KING OF PRUSSIA, PA 19406-1415

October 11, 2022

William J. Soucy, President and  
Radiation Safety Officer  
Materials Testing, Incorporated  
55 Laura Street  
New Haven, CT 06512

**SUBJECT: MATERIALS TESTING, INCORPORATED, REQUEST FOR ADDITIONAL  
INFORMATION, MAIL CONTROL NO. 631879**

Dear Mr. Soucy:

This is in reference to your renewal application dated July 11, 2022, requesting to renew NRC License No. 06-19909-01. In order to continue our review, we need the following additional information:

1. Your license presently lists your company's name as "Materials Testing, Incorporated," while your Form 313 dated July 11, 2022, used "Materials Testing, Inc." in Box 2. Please confirm which variation you wish to be listed on the license.
2. Regarding your requested types and quantities of radioactive materials: the Sealed Source and Device Registry specifies the source models, isotopes, and quantities allowed within each model of device. The Humboldt Model 5001 is authorized for up to 11 mCi of Cs-137 and 44 mCi of Am-241/Be, in contrast to the 10 mCi and 50 mCi that your renewal application specified. In other words, the NRC would not be able to authorize you for the requested 50 mCi of Am-241/Be, and the 10 mCi of Cs-137 would be unnecessarily restrictive. In addition, the Troxler 3400 series, which includes the Model 3450, is authorized for up to 9 mCi of Cs-137 and 44 mCi of Am-241/Be, in contrast to your requested 10 mCi and 50 mCi, respectively. Your request regarding the CPN Model MC Series Portaprobe matches the Registry for isotope and quantity.

Please amend your application to match the associated quantities for each portable nuclear gauge's respective authorization.

3. As discussed over the phone on October 11, 2022, your application was deficient in several program areas required to be submitted. During the discussion, you elected to complete the NUREG-1556, Volume 1, Revision 2 (found online at: <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v1/index.html>), Appendix B Checklist. Please carefully review and complete this checklist, and provide any associated documentation as needed (e.g. facility diagrams per Section 8.9 "Facilities and Equipment").
4. Regarding your locations of use, and consistent with NUREG-1556, Volume 1, Revision 2, Section 8.9 "Facilities and Equipment:"

- a. For each location requested to be removed from your current license: please provide the most recent leak test records associated with portable gauges that were stored or used at these addresses OR attest that (1) only sealed sources were ever stored at these addresses; and (2) no source had a leak test performed with results in-excess of the 185 Bq threshold listed in your License under License Condition 13.D.
- b. For each location that you wish to remain or be added to your license: in addition to the information requested in Section 8.9 of NUREG-1556, Volume 1, Revision 2, please clearly identify which locations are residential addresses vs locations under the control and direction of your business.
- c. As discussed over the phone on October 11, 2022, storing and dispatching NRC-licensed materials from locations not authorized on your NRC license may represent a noncompliance. For each new location you wish to be added to the license, provide whether NRC-licensed material has been stored at the address and, if so, when this storage first started.

We will continue our review upon receipt of this information. Please reply to my attention at:

Jason vonEhr  
Mail Control No. 631879  
USNRC, Region I  
Division of Radiological Safety and Security  
475 Allendale Road – Suite 102  
King of Prussia, PA 19406

Or

[R1DRSSMail.Resource@nrc.gov](mailto:R1DRSSMail.Resource@nrc.gov)  
Reference – Jason vonEhr  
Mail Control No. 631879

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

An electronic version of the NRC's regulations is available on the NRC Web Site at: [www.nrc.gov](http://www.nrc.gov). Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>. Please be aware that you may request that certain portions of your submittal to NRC be withheld from public disclosure as proprietary information. To do this, you must execute an affidavit as specified in 10 CFR 2.390. You must list all portions that you wish to be held proprietary, along with your reasoning as to why that is appropriate. While it is allowable, please refrain from submitting proprietary information in support of a license unless necessary. Keep in mind that all NRC licenses are

considered to be in the public domain, and therefore may be viewed by any member of the public who requests to see them.

If you have any questions regarding this request for additional information, please contact me at (610) 337-5256 or via electronic mail at [Jason.vonEhr@nrc.gov](mailto:Jason.vonEhr@nrc.gov).

Thank you for your cooperation.

Sincerely,

Jason vonEhr, Health Physicist  
Commercial, Industrial, R&D  
and Academic Branch  
Division of Radiological Safety and Security  
Region I

License No. 06-19909-01  
Docket No. 030-19515  
Mail Control No. 631879

MATERIALS TESTING, INCORPORATED, REQUEST FOR ADDITIONAL INFORMATION,  
MAIL CONTROL NO. 631879 DATED OCTOBER 11, 2022

DOCUMENT NAME: G:\WBL Documents\WBL License RAI\L06-19909-01.631879.RAI.docx

**SUNSI Review Complete: JEV**

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NAME	Jason vonEhr						
DATE	10/11/2022						

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