



SOILS-MATERIALS-ASPHALT-CONCRETE

SMAC TESTING, Inc.

824 Tittabawassee Saginaw, MI 48604 Ph: (989) 249-1105 Fx: (989) 249-1171

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05/29/2019

SMAC Testing, Inc.  
824 Tittabawassee Road  
Saginaw, MI 48604

Re: License Amendment #21-32606-01

Dear Sir or Madam:

I would like to request an amendment to Radioactive Material License No. 21-32606-01 to authorize SMAC Testing, Inc. to use the InstroTek, Inc. Model 3500 Xplorer nuclear moisture/density gauge for measurement of soils and construction materials. The Model 3500 is registered under Sealed Source & Device Registration Certificate No. NC-1241-D-101-S, and contains the following sealed sources:

1. Cs-137 (AEA Technology QSA Model No. CDC.805 or Isotope Products Laboratories Model HEG-137)  
Maximum activity: 11 mCi
2. Am-241:Be (AEA Technology QSA, Inc. Model No. AMN.V977 or Isotope Products Laboratories Model AM1.NO2)  
Maximum activity: 44 mCi

Possession Limit: (2) sources not to exceed 22mCi of Cs-137 and 88mCi of Am-241:Be.

Please let me know if I can provide any additional information.

Sincerely,

Stuart J. MacDonald  
Radiation Safety Officer  
SMAC Testing, Inc.

## Song, Taehoon

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**From:** Kennedy, Erin  
**Sent:** Tuesday, June 25, 2019 2:18 PM  
**To:** Song, Taehoon; Pavon, Sandy  
**Cc:** Tomczak, Tammy  
**Subject:** FW: RE: Renewal of your NRC Materials License  
**Attachments:** NRC License Amendment Request.pdf

Good Afternoon,

Can you please add the attached document to ADAMS as a new request.

Thank You,  
Erin

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**From:** Stuart MacDonald <[smacdonald@smactesting.com](mailto:smacdonald@smactesting.com)>  
**Sent:** Tuesday, June 25, 2019 8:56 AM  
**To:** Kennedy, Erin <[Erin.Kennedy@nrc.gov](mailto:Erin.Kennedy@nrc.gov)>  
**Subject:** [External\_Sender] RE: Renewal of your NRC Materials License

Erin

Please see attached. I will fax it if you can't open it. Just let me know.

Thank You

Stuart MacDoanld  
SMAC Testing, Inc  
824 Tittabawassee Rd  
Saginaw, MI 48604  
Mob 989-239-7852  
PH 989-249-1105  
Fx 989-249-1171

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**From:** Kennedy, Erin [<mailto:Erin.Kennedy@nrc.gov>]  
**Sent:** Monday, June 24, 2019 2:55 PM  
**To:** [smacdonald@smactesting.com](mailto:smacdonald@smactesting.com)  
**Subject:** Renewal of your NRC Materials License

Good Afternoon Stewart,

As we discussed on the telephone, Ms. Shaffer no longer works in the Material Licensing Branch. You can either submit your amendment request to me via email or you can fax it to 630-515-1078. attn Materials Licensing Branch.

Thank you very much,

*Erin Kennedy*

U.S. Nuclear Regulatory Commission, Region III

Health Physicist- Materials Licensing

Email: [erin.kennedy@nrc.gov](mailto:erin.kennedy@nrc.gov)

Office: 630-829-9876