

(10-2017)  
10 CFR 30, 32,  
33, 34, 35, 36,  
37, 39, and 40



**APPLICATION FOR  
MATERIALS LICENSE**

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1558 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1558/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

MATERIALS SAFETY LICENSING BRANCH  
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA,  
GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE,  
NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO,  
RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN  
ISLANDS, OR WEST VIRGINIA,

**SEND APPLICATIONS TO:**

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

**IF YOU ARE LOCATED IN:**

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

**IF YOU ARE LOCATED IN:**

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH  
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,  
UTAH, WASHINGTON, OR WYOMING,

**SEND APPLICATIONS TO:**

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER

C. RENEWAL OF LICENSE NUMBER 21-32687-01

2. NAME AND MAILING ADDRESS OF APPLICANT (include zip code)

Surveying Solutions, Inc.  
4471 M-61  
Standish, MI 48658

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

4471 M-61 Standish, MI 48658 and  
1000 S. US-27, St. Johns, MI 48879 and  
at temporary jobsites and anywhere the U.S. NRC  
maintains jurisdiction for regulating the use of radioactive  
materials.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Adam R. Ball

BUSINESS TELEPHONE NUMBER	BUSINESS CELLULAR TELEPHONE NUMBER
989-846-6601	989-484-0358
BUSINESS E-MAIL ADDRESS	
aball@ssi-mi.com	

**SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.**

5. RADIOACTIVE MATERIAL	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
a. Element and mass number, b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.	9. FACILITIES AND EQUIPMENT.
10. RADIATION SAFETY PROGRAM.	11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions\*)  
(See 10 CFR 170 and Section 170.31)  
\*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE CATEGORY	AMOUNT ENCLOSED \$

**PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 631: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc-631info.html>.**

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.  
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
Adam R. Ball, Radiation Safety Officer		1/25/2018

**FOR NRC USE ONLY**

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY				DATE	



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January 25<sup>th</sup>, 2018

Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

RE: NRC Material License No. 21-32687-01  
Renewal Application  
Quantity of Gauges

To whom it may concern:

For our NRC License Renewal please allow the following quantity of gauges to be supported by our organization. Although we do not currently have this many gauges, it will allow us some room for growth over the coming years.

28 of the Troxler Electronic Laboratories Model 3400 Series Gauges

2 of the InstroTek, Inc Model 3500 Devices.

If you have any questions, please feel free to give me a call at (989) 846-6601.

Sincerely,

SURVEYING SOLUTIONS, INC.

A handwritten signature in black ink, appearing to read "A. Ball", is written over the company name.

Adam R. Ball, P.E.  
Radiation Safety Officer / Project Engineer  
[aball@ssi-mi.com](mailto:aball@ssi-mi.com)

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4471 M-61, Standish, Michigan 48658 • tel 989-846-6601 • fax 989-846-6607 • [www.ssi-mi.com](http://www.ssi-mi.com)

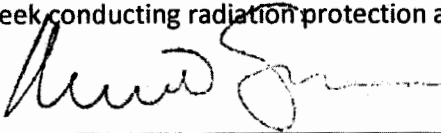
**Delegation of Authority to Radiation Safety Officer**

Memo To: Adam R. Ball, Radiation Safety Officer – Surveying Solutions, Inc.

From: Andrew W. Semenchuk, President (Management Representative) – Surveying Solutions, Inc.

Subject: Delegation of Authority

You, **Adam R. Ball**, have been appointed radiation safety officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the Radiation Protection Program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend 2 hours per week conducting radiation protection activities.



Andrew W. Semenchuk  
*President - Surveying Solutions, Inc.*

1-25-2018

Date

I accept the above responsibilities,



Adam R. Ball  
*Radiation Safety Officer - Surveying Solutions, Inc.*

1/25/2018

Date

## Cender, Laura

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**From:** Adam Ball <aball@ssi-mi.com>  
**Sent:** Thursday, January 25, 2018 10:43 AM  
**To:** Cender, Laura  
**Subject:** [External\_Sender] RE: NRC Materials License No. 21-32687-01 Renewal - Additional Information Requested  
**Attachments:** SSI-Delegation of Authority to Radiation Safety Officer.pdf; Signed form 313 \_Revised\_SSI.pdf

Thank you for the email.

Item #1 – Please allow 28 Troxler Electronic Laboratories Model 3400 Series Gauges and 2 InstroTek, Inc Model 3500 Devices.

Item #2 – Please see attached.

Item #3 – Please see attached. (Please let me know if this language is acceptable. I used a hybrid of the recommendations that you offered.)

Thanks,

Adam

Adam R. Ball, P.E.  
Project Engineer  
Surveying Solutions, Inc.  
4471 M-61, Standish, MI 48658  
[aball@ssi-mi.com](mailto:aball@ssi-mi.com)  
(989) 846-6601 O  
(989) 846-6607 F  
(989) 484-0358 C

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**From:** Cender, Laura [mailto:Laura.Cender@nrc.gov]  
**Sent:** Thursday, January 25, 2018 9:31 AM  
**To:** Adam Ball <aball@ssi-mi.com>  
**Subject:** NRC Materials License No. 21-32687-01 Renewal - Additional Information Requested

Hello Adam,

Thank you for taking time out of your morning to discuss your recent request to renew your NRC license. Per our discussion, please provide the additional information requested below:

1. Due to changes in our licensing process each type of gauge requested will now be listed on its own line in Items 6 – 9 on your license. Please clarify the number of Troxler Electronic Laboratories Model 3400 Series and number of InstroTek, Inc. Model 3500 devices that should be authorized on the license. The number of gauges you request to be permitted to possess on the license does not need to be the number of gauges you currently possess; you may request additional gauges to account for gauge replacement or company growth.

2. To be renamed as the Radiation Safety Officer on the license a new Delegation of Authority letter is required, and must be signed by both yourself and someone in your senior management chain. A sample Delegation of Authority memo is attached. Please ensure that the name and title of the senior management representative is printed beneath the signature line.
3. The submitted NRC Form 313 currently states "Anywhere Surveying Solutions, Inc. maintains jurisdiction for regulating the use of radioactive materials. Please correct this statement by replacing Surveying Solutions, Inc. with U.S. NRC, or submit with a different statement referencing use at temporary job sites.

Please feel free to contact me via phone at 630-829-9712 or via email if you have any questions. There is no need to resubmit your full application, just the items requested along with a signature and date.

Thank you,  
Laura

Laura Cender  
U.S. Nuclear Regulatory Commission  
Materials Licensing Branch  
E-mail: [Laura.Cender@nrc.gov](mailto:Laura.Cender@nrc.gov)  
Phone: (630) 829-9712