

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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to 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 APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION.
SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND
ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
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
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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

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
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

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 21-26714-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Plastatech Engineering Ltd.
725 Morley Drive
Saginaw, MI 48601

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

825 Morley Drive
Saginaw, MI 48601

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Crnt LaBrosse

TELEPHONE NUMBER

(989) 754-6500

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

- a. Element and mass number; b. chemical and/or physical form; and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR
TRAINING 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 (See 10 CFR 170 and Section 170.31)

FEE CATEGORY AMOUNT
ENCLOSED \$ 0.00

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, 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

Crnt LaBrosse Safety & Environmental Manager

SIGNATURE



DATE

7/6/11

FOR NRC USE ONLY

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

RECEIVED JUL 12 2011

Re: NRC license renewal (21-26714-01)

5a. Krypton-85

5b. The krypton (Kr-85) isotope is sealed in a Betacontrol model MK 1.0 Beta thickness gauge.

5c. Two sources not to exceed 300 millicuries.

6. The MK 1.0 device is used to control the monitor and control the thickness of a PVC film production process or Calender line.

7. Crint Labrosse, RSO completed the Radiation Safety Officer course by Nevada Technical Associates, Inc. in September 2003. A 40 hour HAZWOPER course was completed with Great Lakes Safety in 2008. Michael Matthews alternate RSO completed the Radiation Safety Officer Training Course with Radiation Safety & Control Services, Inc. in December 2008.

8. Betacontrol, manufacturer of the gauge, has provided training for the individuals working in or frequenting the restricted area. All new employees are trained on the operation and safe work practices of the device prior to starting work. An annual refresher training is also given to those employees working within the production department where the device is located. No maintenance of the source will be done by Plastatech Engineering Ltd. personnel.

9. This Kr-85 source is to be used as part of a thickness gauge in the calendaring of PVC film. The isotope is sealed in the gauging unit. The unit is located approximately 5 feet above the floor level above the post train system of the Calender line. Because of the geometry of the gauge and it's location, employees are not stationed within 8 feet of the measuring unit. Employees may use an industrial walkway to advance closer to the machine within 18 inches of the device but will be shielded by the steel end of the frame.

10. The Betacontrol MK 1.0 thickness gauge has a sealed source with an activity of 50 mCi (1.85 GBq) and an air gap of 20mm. The gauge was installed and is maintained by Betacontrol. Because Plastatech employees do not conduct maintenance on the source device, film badges are not used. Betacontrol, 425 Route 202, Towaco, New Jersey 07082 (License 29-26694-01) installed the radioactive source, did the initial radiation survey and tested for leaks. If the unit malfunctions or is damaged, relocated or replaced, the maintenance, repair, relocation or replacement will be completed by Betacontrol.

11. Plastatech Engineering Ltd. will not be disposing of the unit or creating any radioactive waste. Betacontrol will handle waste management, because the sealed unit containing the Kr-85 will be returned to the supplier for service and/or replacement.



**BURRO
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Roofing, Inc

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JUL 07 2011
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RETURN RECEIPT
REQUESTED

MATERIALS LICENSING BRANCH
US NRC REGION II
2443 WARRENVILLE RD SUITE 210
LISLE, IL 60532-4352

605324352

