

### APPLICATION FOR MATERIAL LICENSE

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.

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

U.S. NUCLEAR REGULATORY COMMISSION  
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY, NMSS  
WASHINGTON, DC 20545

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
NUCLEAR MATERIALS SAFETY SECTION I  
475 AUENDALE ROAD  
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
NUCLEAR MATERIALS SAFETY SECTION  
101 MARIETTA STREET, SUITE 2900  
ATLANTA, GA 30303

**IF YOU ARE LOCATED IN:**

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
MATERIALS LICENSING SECTION  
790 ROOSEVELT ROAD  
G. ENCLLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
MATERIAL RADIATION PROTECTION SECTION  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V  
NUCLEAR MATERIALS SAFETY SECTION  
1400 MARIA LANE, SUITE 210  
WALNUT CREEK, CA 94608

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 JURISDICTION.

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

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER
- C. RENEWAL OF LICENSE NUMBER 37-18431-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code):

Joseph Ciccone & Sons, Inc.  
8013 Beth-Bath Pike  
P. O. Box 98  
Beth, PA 18014

3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

At address listed in Item #2 and at temporary job sites throughout the United States, where the U.S. Nuclear Regulatory Commission maintains jurisdiction over the use of by-product material.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:

Joseph P. Bromfield

TELEPHONE NUMBER

(215) 837-1855

SUBMIT ITEMS 5 THRU 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 AND EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.37)

FEE CATEGORY 3P AMOUNT ENCLOSED \$ 120.00 sent on 9/7/89

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, 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.

SIGNATURE - CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE



Steven J. Kolbe

President

9/20/89

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS

AMOUNT RECEIVED	CHECK NUMBER

8911150097 891102  
REG1 LIC30  
37-18431-01 PDC

APPROVED BY

DATE

	Model	Model
ITEM #5 - a. Radionuclei	4640 & 4545	3241C
b. Form	Cs-137	Am-241:Be
c. Troxler Drawing No.	Special Form	Special Form
d. Maximum Amount	A-102112	A-100608
	Not To Exceed	Not To Exceed
	9mCi Per Source	100mCi Per Source

- ITEM #6 - 1. To be used in Troxler Model 4640 Surface Density Gauge.  
 2. To be used in Troxler Model 3241C Asphalt Content Gauge.  
 3. To be used in Troxler Model 4545 Roller Density Gauge.

ITEM #7 - Qualified Personnel:

~~William Hoch~~

James Delaney  
 Joseph Hayducek

Michael Ciccone  
 Nicholas Ciccone  
 Christopher Ciccone

The above personnel have all completed the training course offered by Troxler Electronic Laboratories, Inc. This course involved 10 hours of instruction. The subjects included in this course were as follows:

- A. Radiological Safety
1. Principles and practices of radiation protection.
  2. Leak testing procedures.
  3. Mathematics and calculations basic to the use and measurement of radioactivity.
  4. Biological effects of radiation.
  5. Radioactivity measurement standardization and monitoring techniques and instruments.
  6. Accident and incident procedures.
  7. Procedures for nuclear gauge storage and transportation.
  8. General safety precautions.
- B. Gauge Operation
1. Instrument theory.
  2. Operating procedures.
  3. Maintenance.
  4. Field application.
  5. Gauge calibration.

ITEM #8 - Any new operator will attend the Troxler Training Seminar and each individual training certificate will be on file at the address listed in Item #2.

ITEM #9 - See attached drawing.

ITEM #10- See attached "Radiation Safety Program" outline.

ITEM #11- Gauge will be transferred to Troxler for disposal of radioactive material.