

NRC FORM 314
(10-87)
10 CFR 30, 32, 33, 34,
35 and 40

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
2150-0120
Expires: 6-30-90

APPLICATION FOR MATERIAL LICENSE

030-14746

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 FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20566

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 B
475 ALLENDALE 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 30323

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
799 ROOSEVELT ROAD
GLEN ELLYN, 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
1460 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

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 37-18264-01

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

Highway Materials Inc.
800 W. Olney Avenue
Philadelphia, Penna. 19120

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Licensed Material may be used at Licensee's facility at 680 Morehall Road Frazer, Penna. 19355, and at temporary sites of the Licensee anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

William M. Smith

TELEPHONE NUMBER

(215) 647-5902

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 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 170.31)

FEE CATEGORY HOBy-Product AMOUNT ENCLOSED \$230.00

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, 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, 52 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

William M. Smith

William M. Smith

Safety Director

06/22/88

9001170236 881110

REG 1 LIC 30

37-18264-01

PDR

FOR NRC USE ONLY

| | | | | |
|---------------------------------|---------------------------------------|---------------------------|-------------------------------------|-----------------------------------|
| TYPE OF FEE REN | FEE LOG <i>Jul. 3rd</i> | FEE CATEGORY 3P | COMMENTS <i>(Refunded \$110)</i> | APPROVED BY <i>S. Kimberly</i> |
| AMOUNT RECEIVED \$230 | CHECK NUMBER 6176 | | | DATE 7/4/88 |
| | | | | 109130 |

RECEIVED-REGION I
JUN 27 PM 3:16
1988

28 JUN 1988

OFFICIAL RECORD COPY MLT8

Supplemental Information for Renewal of License
Items 5 through 11

Applicant: Highway Materials Inc. License # 37-18264-01
800 W. Olney Avenue
Philadelphia, Penna. 19120

Item # 5 Radioactive Material

- | | | |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <p>A. Cesium 137</p> <p>B. Americium 241</p> | <p>A. Sealed Sources Troxler Dwg. A-102112</p> <p>B. Sealed Neutron Source, Troxler Dwg. A-102451</p> | <p>A. Not to exceed 10 Millicuries per Source.</p> <p>B. Not to exceed 50 Millicuries per Source.</p> |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

Item # 6 Purpose.

To be used as a Moisture Density Gauge for measuring Moisture and density of Construction Materials. Manufacturer Troxler Elec. Labs 3400 Series Compac Surface Moisture Density Gauge. & Model 4640

Item # 7 Individual Responsible for safety Radiation Program.

William M. Smith, Safety Director Exp. since 1978
Richard Kauffman, Chief Laboratory Technician Exp. Since 1978
Training by Troxler Laboratories, Inc. in Radiological Safety, Gauge Operation. Training completed at Stouffers Valley Forge Hotel in King of Prussia, Penna. 19406 By Troxler's Instructor Alan L. Shad August 14-15, 1978

Item # 8 Training to other Users.

This Training would be completed by a qualified instructor under the Employment of the Manufacturer, Troxler Electronic Labs., Inc.

Item # 9 Facilities/Storage

The Device will be stored in a locked enclosure (Storeroom) that will not permit access by unauthorized Persons.

Item # 10 Radiation Safety Program

All users and those authorized Personnel will be guided by a Safety Program that will not be less than that prescribed by the Commission. as to Parts 10.4 Maintenance, 10.5 Transportation, 10.6 Operating and Emergency Procedures. and in Particular Monitoring be evaluated by Tech/Ops Landauer, Inc. of 2 Science Road, Glenwood, Illinois, 60425-1586

Item # 11 Waste Management

Disposal would be by transfer of Source to the Manufacturer, Troxler Electronic Laboratories, Inc., who is specifically authorized to Possess it.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 11 1988

Highway Materials, Inc.
ATTN: William M. Smith
800 W. Olney Avenue
Philadelphia, PA 19120

REFUND OF APPLICATION FEE

1. BACKGROUND:

Check Received July 5, 1988
Application Dated June 22, 1988
Check Number M 6176
Check Amount \$230

2. REFUND:

Amount \$110

This refund is now being processed and will be sent as soon as possible.

3. REASON FOR REFUND:

Overpayment of renewal fee for application dated June 22, 1988 for License 37-18264-01 as specified in fee Category 3P (\$120) of \$170.31, 10 CFR 170.

151
Glenda Jackson 7/11/88
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03121
STATUS CODE: 2
FEE CATEGORY: 3P
EXP. DATE: 19880930
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: HIGHWAY MATERIALS, INC.
RECEIVED DATE: 880628
DOCKET NO.: 3014746
CONTROL NO.: 109120
LICENSE NO.: 37-18264-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED
AMOUNT: 230.00
CHECK NO.: 6176

3. COMMENTS

SIGNED BP
DATE 6/29/88

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1..1)

1. FEE CATEGORY AND AMOUNT: 3P 8120

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT _____
RENEWAL ✓ _____
LICENSE _____

3. OTHER _____

SIGNED S. Kumbly
DATE 7/17/88