

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 FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

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
631 PARK AVENUE
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
1450 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 47-17368-01

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

ORDERS & HAYNES PAVING CO., INC.
P.O. Box 9488
South Charleston, W. Va. 25309

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

Wright Road, Poca, West Virginia and at temporary job sites in the
states

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Robert B. Orders

TELEPHONE NUMBER

(304) 768-0007

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 / NO EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WAIVER
8801220618 870819
REG 2 LIC 30
47-17368-01 PDR

12. LICENSEE FEE (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3-P

AMOUNT
ENCLOSED \$ 120.00

13. CERTIFICATION (to 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

Robert B. Orders

TITLE

President

DATE

5/15/87

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

< \$250K	\$1M - 3.5M
\$250K - 500K	\$3.5M - 7M
\$500K - 750K	\$7M - 10M
\$750K - 1M	> \$10M

b. NUMBER OF EMPLOYEES (Total for
entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours)
ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE
PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit
it to protect confidential commercial or financial—proprietary—information furnished to
the agency in confidence)

☐ YES

☐ NO

FOR NRC USE ONLY

TYPE OF FEE FEE LOG FEE CATEGORY COMMENTS

REN May 6-11 3P

AMOUNT RECEIVED

\$120

CHECK NUMBER

53969

APPROVED BY

M. Messier

DATE

6/8/87

ORDERS & HAYNES PAVING CO., INC.
Renewal of License No. 47-17368-01
Page two

#5 - Radioactive Material - Three (3) Gauges

Americium 241, sealed sources, Troxler #3411
Six sources not to exceed 50 millicuries each.
Cesium 137, Troxler #3411
Six sources not to exceed 10 millicuries each.

#6 - Purpose for which licensed material will be used.

Moisture Density Gauges to measure density of materials.

#7 - Mr. Dallas L. Boggess is responsible for our Radiation Safety Program. He has received the Troxler Electronic training course which includes radiological safety and operation of the Troxler Gauges. The safety area included: Calculations basic to use and measurement of radioactivity; effects of radiation; and other measures pertaining to the safe use of the material. Mr. Boggess also completed the W.Va. Department of Highways Certification Training Program on the use of the nuclear gauges which was a four day course.

ORDERS & HAYNES

PAVING CO., INC.

POST OFFICE BOX 9444
SOUTH CHARLESTON, W. VA. 25309

6416 MacCORKLE AVE. S.W.
ST. ALBANS, W. VA. 25177

TELEPHONE : 304-768-0007

#8 & 10

Dallas Boggess is our company Radiation Protection Officer. It is his job to issue out Troxler Gauges to the individuals daily for use on our road projects. He performs leak test every six (6) months on all gauges using Troxler Model RK-1 leak test kits. Tests are sent to Troxler for evaluation and they notify us of the results.

Our gauges are stored overnight at our Poca facility located on Wright Road, Poca, West Virginia. They are kept in our lab building which is a 20' x 40' Butler metal building having one door with Mr. Boggess having one key and Mr. York McCormick, our dispatcher, having the other.

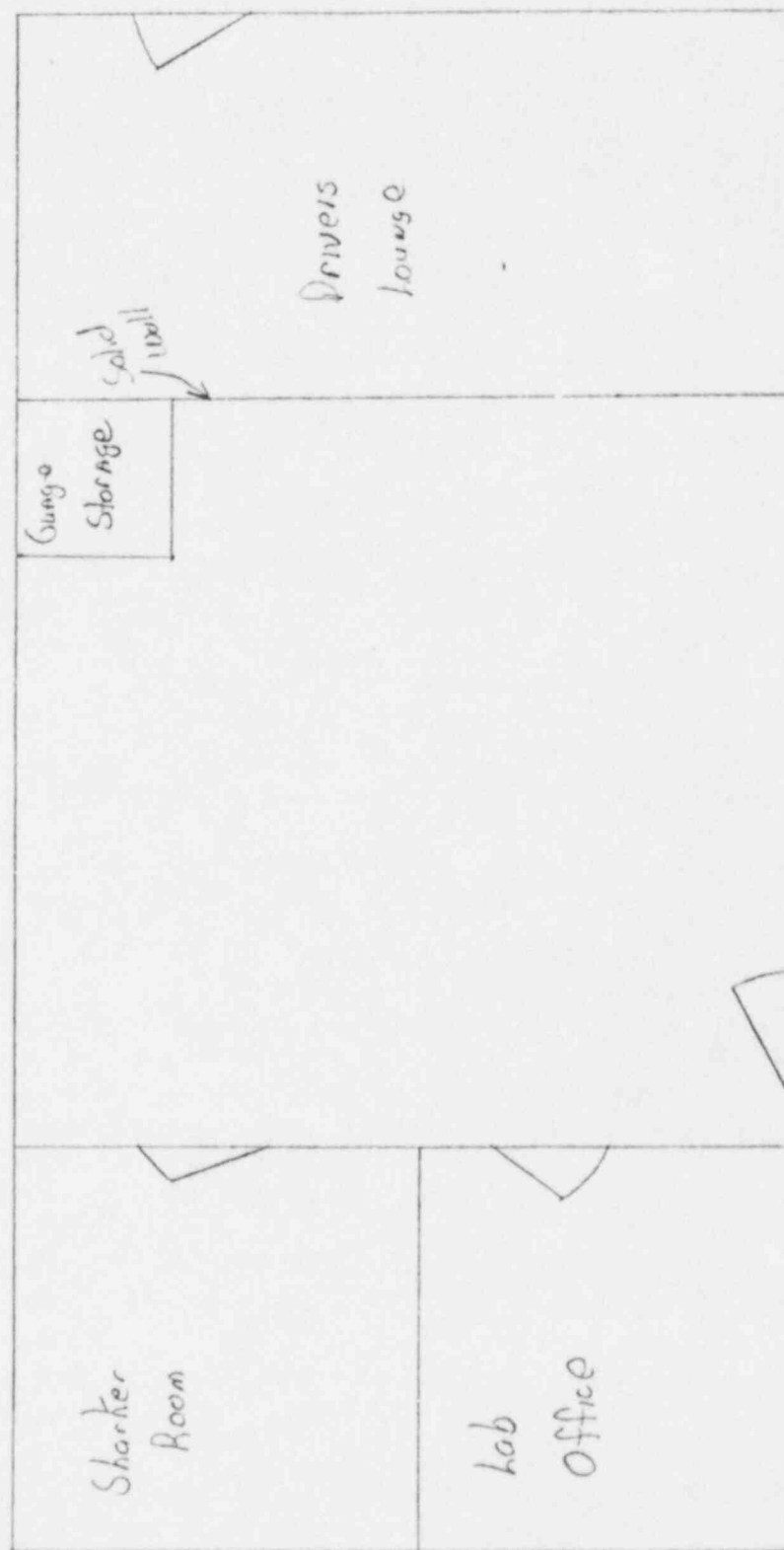
We attached sheet for building layout. We have a night watchman, who is there nights, holidays and weekends.

Field safety procedure is taught to every individual who uses or comes in contact with these gauges. Each gauge has either a 3/4" plywood box that we have made to order and a shipping container that we purchased from Troxler to transport these gauges from the storage facility to the job site and back.

These gauges are carried in pick-up trucks driven by authorized personnel only, with warning signs on the sides stating that we are transporting nuclear material.

In case one of these gauges is damaged, the individual user will immediately rope off the area (50' from gauge) and will not move or handle the gauge. He will keep all personnel away from this area and contact the Radiation Protection Officer, who in turn will notify the appropriate officials.

All repairs on these gauges are done by Troxler. We ship them back there for all repairs.



Building where Gunges are stored

Pocah, W. Va.

ORDERS & HAYNES

PAVING CO., INC.

POST OFFICE BOX 8444 9488
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#10

RADIATION PROTECTION PROGRAM

Transportation of gauges:

All gauges are transported in either manufacturers cases or one built by our company based on the same principles. Cases are strapped to bed of pick-up truck away from driver and secure so as not to be able to move around. All cases have locking devices so as to further secure them.

Unauthorized Access:

All gauges taken to the job sites during working hours are kept with the technician using the gauge and is to stay with them until the end of work, at which time the gauge is to be loaded up and transported back to the main storage area at which time they are locked up until further use is needed. Gauges are to be kept with all technicians at all times when they are not at main storage facility.

**ORDERS
& HAYNES**

PAVING CO., INC.

POST OFFICE BOX ~~0444~~ 9488
SOUTH CHARLESTON, W. VA. 25309

6416 MacCORKLE AVE. S.W.
ST. ALBANS, W. VA. 25177

TELEPHONE : 304-768-0007

#11

Disposal of gauge after discontinued use

All gauges will either be shipped back to the factory, Troxler Electronics, or sold to an authorized licensee, who possesses a license for additional number of gauges and approved by the Nuclear Regulatory Commission.