

# 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 29-02477-05

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

United States Testing Co., Inc.  
1415 Park Avenue  
Hoboken, NJ 07030

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

United States Testing Co., Inc.  
1415 Park Avenue  
Hoboken, NJ 07030

8903140369 880210  
REG1 LIC30  
29-02477-05 PNU

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

Richard Posner

## TELEPHONE NUMBER

201-792-2400 x320

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 1J AMOUNT ENCLOSURE \$ 120.

## 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

*Richard Posner*

## TYPED/PRINTED NAME

Richard Posner

## TITLE

Vice President

## DATE

10/13/87

## 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

REN

### FEE LOG

Oct. 16

### FEE CATEGORY

3P

### COMMENTS

### APPROVED BY

*ML10*

### AMOUNT RECEIVED

\$120

### CHECK NUMBER

83117

"OFFICIAL RECORD COPY"

107936

10/27/87  
16 OCT 1987

A33

5. Radioactive Material Possessed

As of the date of this application, the licensed materials on hand are the following:

Nickel-63 (15 m Ci) - Gas Chromatographic Detectors (Hewlett Packard Model #18713A installed in HP 5790 GC, Hewlett Packard Model #19282-69501 installed in HP 5790 GC.

Nickel-63 (10 m Ci) - Gas Chromatographic Detectors (Shimadzu coaxial electrode-type cells; 9 cells installed in 5 Shimadzu Model 9A Gas Chromatographs).

6. Purpose for Which Licensed Material Will Be Used

To perform detection and measurement of pesticides, PCB's, and other applicable pollutants and chemical constituents in environmental and industrial samples.

7. Individuals Responsible for Radiation Safety Program

The individuals responsible for supervision of the use of the gas chromatographs are Michele Piepoli and Seyed Dastgheyb.

We have never performed maintenance or repair on the gas chromatographic detectors, nor do we intend to in the future. Our practice has been, and will continue to be, that when necessary, all maintenance and/or repair of these devices are performed by the manufacturer.

In accordance with page 6 of the NRC Regulatory Guide, no special radiation safety training is required.

8. Training for Individuals Working in Restricted Areas

See explanation in Item 7 above. No training required.

9. Facilities and Equipment

All detector cells covered under this license are dedicated to and installed in specific gas chromatographs. These cells are removed only by "responsible individuals" (see Item 7) for the purpose of performing leak tests on manufacturer's service personnel.

All laboratory areas are accessible to authorized personnel only, and are locked when such personnel are not present.

## 10. Radiation Safety Program

### 10.1 Personnel Monitoring Equipment

Per NRC instructions, the nature of our operations and the radiation services do not require Personnel Monitoring devices.

### 10.2 Radiation Detection Instruments

Not required, in accordance with NRC instructions.

### 10.3 Leak Testing

Our operating procedures call for leak testing of all cells at 6 month intervals. The procedure used corresponds to Option 2 of the NRC guide.

Test kits are supplied and measurements are made by:

United States Testing Company  
2800 George Washington Way  
Richland, Washington 99352

License # WN-L-011-1

### 10.4 Maintenance and Repair

As stated earlier, all maintenance and repair operations involving the GC detectors are performed by manufacturer service personnel.

## 11. Waste Management

Disposal of all licensed material contained in gas chromatographic detector cells is effected by transfer to the original supplier or manufacturer.