

NRC FORM 241
(7-1999)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0018 EXPIRES: 07/31/2002
Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may conduct inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimates to the Records Management Branch (1-6 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20545-0001, or by internal e-mail to br1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOR-10202, (3150-0013), 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.

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)
Commercial Testing & Engineering Co.

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
355B E. Lorain Street
Oberlin, OH 44074

4. LICENSEE CONTACT AND TITLE
Judy L. Brenner, RSO

5. TELEPHONE NUMBER (Include Area Code) 440-774-3905
6. FACSIMILE NUMBER (Include Area Code) 440-774-3815

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20
 WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS TELE THERAPY/RADIATOR SERVICE
 PORTABLE GAUGES OTHER (Specify) → Coal Stockpile Inventory
 RADIOGRAPHY → REGISTERED AS USER OF PACKAGING (CERTIFICATE OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
Great Lakes Steel
#1 Quality Drive
Ecorse, MI 48229
ATTN: John Seldy

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location, Give as complete an address or directions as possible.)
Zug Island
Detroit, MI 48209

10. CLIENT TELEPHONE NUMBER (Include Area Code) 313-749-2499
11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) Same

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM 1/27/03	TO 1/29/03	3			NUMBER TO BE ASSIGNED BY NRC 000216

17. LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.
17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, model number, or device to be used.)
Troxler Depth Density Gauge Serial # 50-0467
Model 1351 Cs 137 8 mCi

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEMS 9 ABOVE. (Four copies of the specific license must accompany this Initial NRC Form 241.)
LICENSE NUMBER 31210990004 STATE OH EXPIRATION DATE 2/1/07

19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)
I, THE UNDERSIGNED, HEREBY CERTIFY THAT:
a. All information in this report is true and complete.
b. I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
c. I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
d. I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
e. I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) Judy L. Brenner, RSO SIGNATURE [Signature] DATE 1/20/03

WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 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.

FOR NRC USE ONLY REVIEWING OFFICIAL (Type and Name and Title) Doris C. Gonzalez/NMPA SIGNATURE [Signature] DATE 1/16/03 TOTAL USAGE - DAYS TO DATE

**OHIO DEPARTMENT OF HEALTH
LICENSE FOR RADIOACTIVE MATERIAL**

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the applications of Chapter 3748 of the Ohio Revised Code and all rules promulgated thereunder. This license shall be deemed to contain the conditions specified in *Chapters 3701:1-38, 3701:1-40, and 3701:1-50, and Rule 3701-39-02.1 of the Administrative Code* and is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE		LICENSE NUMBER	
1.	Commercial Testing & Engineering Company	3.	31210990004
2.	355B East Lorain Street Oberlin, OH 44074	4.	February 1, 2007
		5.	GC18-11-00

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| <p>6. RADIOACTIVE MATERIAL</p> <p>A. Cesium-137</p> | <p>7. CHEMICAL AND/OR PHYSICAL FORM</p> <p>A. Sealed sources registered with the NRC under 10 CFR 32.210, or with an Agreement State, and incorporated in a compatible portable gauging device as specified in Item 9 of this license.</p> | <p>8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE</p> <p>A. No single source to exceed the maximum activity specified in the registration certificate issued by the NRC or an Agreement State</p> |
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9. Authorized Use

To be used for measuring physical properties of materials in portable gauging devices that have been registered either with the NRC under 10 CFR 32.210, as delineated in *3701-39-02.1 of the Administrative Code*, or an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.

CONDITIONS

10. Licensed material may only be used at the licensee's facilities located at:
- A. 355B East Lorain Street, Oberlin, Ohio
 - B. Temporary field locations throughout Ohio
11. The Radiation Safety Officer for this license is:
- Judy Brenner
12. Licensed material shall be used by or under the supervision and in the physical presence of individuals who have satisfactorily completed the device manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures, and have been designated by the Radiation Safety Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed six (6) months or at such other intervals as specified by the certificate of registration referred to, in 10 CFR 32.210, as delineated in rule 3701-39-02.1 of the Administrative Code.
- B. Notwithstanding, Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three (3) months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into service until tested.
- D. Sealed sources need not be tested if:
- i. they contain only a radioactive gas; or
 - ii. the half-life of the isotope is 30 days or less; or

LICENSE FOR RADIOACTIVE MATERIALS

License Number 31210990004

SUPPLEMENTARY SHEET

Bureau Docket Number GC18-11-00

Amendment No. 3

- iii they contain 3.7 MBq (100 μ Ci) or less of beta or gamma emitting material or 0.37 MBq (10 μ Ci) or less of alpha emitting material; or
- iv they are in storage and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- v. they contain only hydrogen-3.
- E. The leak test shall be capable of detecting the presence of 185 Bq (0.005 μ Ci) of radioactive material on the test sample. If the test reveals the presence of 185 Bq (0.005 μ Ci) or more of removable contamination, a report shall be filed with the Ohio Department of Health, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Ohio Department of Health regulations. The report shall be filed within 5 days of the date the leak test result is known with the Bureau of Radiation Protection - Ohio Department of Health, 246 N. High St., P.O. Box 118, Columbus, Ohio 43216-0118. The report shall specify the source involved, the test results, and corrective action taken.
- F. The licensee is authorized to collect leak test samples for analysis by Troxler Electronic Labs. Inc. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Director, the NRC or an Agreement State to perform such services.
14. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
15. The licensee shall conduct a physical inventory every 6 months, or at another interval approved by the Director, to account for all sources and/or devices received and possessed under the license. *Records of inventories shall be maintained for at least 3 years from the date of each inventory, and shall include: the quantities and kinds of licensed material, manufacturer's name and model numbers, location of the sources and/or devices, and the date of the inventory.*
16. Each portable device shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The device or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
17. When performing tests at temporary work locations, the authorized user shall not leave the device unattended. Upon completion of tests, the device shall be locked in the licensee's vehicle or a secure structure to prevent unauthorized use, loss, or theft.
18. Any cleaning, maintenance or repair of the device(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Director, the NRC, or an Agreement State to perform such services.
19. The licensee is authorized to transport licensed material only in accordance with *Chapter 3701:1-50 of the Administrative Code.*
20. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of sealed source licensed material to quantities below the minimum limit specified in rule *3701:1-40-17(C) of the Ohio Administrative Code* for establishing decommissioning financial assurance.
21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. *Application dated January 11, 2002.*
- B. *License #31210990004 Amendment 2 is renewed in its entirety.*

For the Ohio Department of Health

DATE:

2/1/02

BY:

Robert L. Sussner
Director, Ohio Department of Health