

**REPORT OF PROPOSED ACTIVITIES IN
NON-AGREEMENT STATES, AREAS OF EXCLUSIVE
FEDERAL JURISDICTION, OR OFFSHORE WATERS***(Please read the instructions before completing this form)*

Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule 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 estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-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.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) Radiometrie Corp.	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 9298 Gaither Rd. Gaithersburg, MD 20877	4. LICENSEE CONTACT AND TITLE Michael A. Norbury - RSO
	5. TELEPHONE NUMBER (Include Area Code) 301-948-2450
	6. FACSIMILE NUMBER (Include Area Code) 301-840-8371

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

- ☐ WELL LOGGING ☒ LEAK TESTING AND/OR CALIBRATIONS ☐ THERAPY/IRRADIATOR SERVICE
☐ PORTABLE GAUGES ☒ OTHER (Specify) **⇒ Installation, removal, repair of devices**
☐ RADIOGRAPHY **⇒** REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE See Attachment I	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address as possible.) Same as #8
	10. CLIENT TELEPHONE NUMBER (Include Area Code)
	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)

12. DATES SCHEDULED FROM To Be Determined TO	13. NUMBER OF WORK DAYS 1	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER NUMBER TO BE ASSIGNED BY NRC
--	-------------------------------------	---------	------------	---

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, sealed sources, or devices to be used.) See Attachment I
--

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9 ABOVE. (Four copies of the specific license must accompany the Initial NRC Form 241.)	LICENSE NUMBER MD-31-088-02	STATE MD	EXPIRATION DATE 2-28-2005
--	---------------------------------------	--------------------	-------------------------------------

19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)**I, THE UNDERSIGNED, HEREBY CERTIFY THAT:**

- All information in this report is true and complete.
- 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.
- 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.
- 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.
- 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) Dennis Jones - Asst. RSO	SIGNATURE <i>Dennis Jones</i>	DATE 1-10-02
---	----------------------------------	------------------------

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 (Typed/Printed Name and Title) John McRath	SIGNATURE <i>John McRath</i>	DATE 1/15/02	TOTAL USAGE - DAYS TO DATE 0
------------------	---	---------------------------------	------------------------	--

Listing of specific licensees located in DE

CitiSteel USA, Inc.
4001 Philadelphia Pike
Claymont, DE 19703
Richard Stiffey @ (302)792-5405

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 30000 mCi	-----	-----	-----
	X.60/1	CE-30	Measurex-DMC

Listing of specific licensees located in ID

Martin Marietta
Idaho Falls, ID

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 30 Ci	-----	-----	-----
	X.60/1	CE-30	HMxDMC
	X.60/1	CE-30	HMxDMC

Listing of specific licensees located in IN

I/N
1 Vision Dr.
30755 Edison Rd.
New Carlisle, IN 46552
John Frainiak @ (219)654-1243

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	-----	-----	-----
	AMC.30	AM-3E	DMC
	AMC.30	AM-3E	DMC
	AMC.30	AM-3E	DMC

January 14, 2002

Attachment 1 - Page 2

I/N Kote

1 Vision Dr.
30755 Edison Rd.
New Carlisle, IN 46552
John Frainiak @ (219)654-1243

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 100 mCi	-----	-----	-----
		5310	Loral-Weston
241Am @ 3000 mCi	-----	-----	-----
	AMC.30	5310-3	Loral-Weston
	AMC.30	5310-3	Loral-Weston
	AMC.30	5310-3	Loral-Weston
	AMC.30	5310-3	Loral-Weston
241Am @ 5000 mCi	-----	-----	-----
	AMC.50	5310-5	Loral-Weston
	AMC.50	5310-5	Loral-Weston
	AMC.50	5310-5	Loral-Weston
	AMC.50	5310-5	Loral-Weston

Inland Steel Industries, Inc.
3210 Watling St.
East Chicago, IN 46312
WR Koenig @ (219)399-3892

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 1000 mCi	-----	-----	-----
	AMC.D1	C-4	DMC

National Steel Corp.
Midwest Steel Division
US Rte. 12 & Rte. 249
Portage, IN 46368-1287
Kevin Doyle @ (219)763-5757

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 2001 mCi	-----	-----	-----
	200	200	NDS
	200	200	NDS
	200	200	NDS
	200	200	NDS
241Am @ 1200 mCi	-----	-----	-----
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC

National Steel Corp.
Midwest Steel Division
US Rte. 12 & Rte. 249
Portage, IN 46368-1287
Kevin Doyle @ (219) 763-5757

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 1200 mCi	-----	-----	-----
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
	AMC.K316	AM4-T	DMC
241Am @ 3000 mCi	-----	-----	-----
	U-6 S.6		AccuRay

January 14, 2002

Attachment 1 - Page 4

Precoat Metals

US Hwy. 12
Indiana Rte. 249
Portage, IN 46368
E. Wiltzy @ (219)763-1504

Isotope @ Activity	Source	Device	Device-Mfg.
90Sr @ 20 mCi	----- SIF.D1	----- SR-U2	----- DMC

USX Corp.

1 North Broadway
Gary, IN 46402
Tom Kennedy @ (219) 888-4381

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 20000 mCi	----- CDC.PE3	----- 41631/20	----- Daystrom
	CDC.PE3	41631/20	Daystrom

Worthington Steel Co.

100 Worthington Dr.
Porter, IN 46304
Joe Golly @ (219)929-4096

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	----- AMC.30	----- AM-3E	----- DMC

Listing of specific licensees located in OH

Agreement State

Columbus Processing Co.

4300 Alum Creek Dr.
Obetz, OH 43207
Gary Falter @ (614)492-8287

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	----- AMC.30	----- 5310-3	----- Loral-Weston

January 14, 2002

Attachment 1 - Page 5

KenMac Metals, Inc
17901 Englewood Dr.
Cleveland, OH 44130-3492
Scott Seabeck @

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	-----	-----	-----
	AMC.30	5310-3	Loral-Weston

LTV Steel Co.
1555 Harvard Ave.
Gate #4
Cleveland, OH 44105
Bob Yereb @ (216)341-4416

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	-----	-----	-----
	AMC.30	AM-3E	DMC

Listing of specific licensees located in PA

Allegheny Ludlum
Woodland & Griffith Aves.
Washington, PA 15301
Gary Recktenwald @ 724-229-1675

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 30000 mCi	-----	-----	-----
	X.60/1	CE-30	Radiometrie

ARMCO Advanced Materials Co.
Rte. 8
PO Box 832
Butler, PA 16003
William Smith @ (412)284-2028

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	-----	-----	-----
	AMC.30	AM-3E	Measurex-DMC
	AMC.30	AM-3E	Measurex-DMC

January 14, 2002

Attachment 1 - Page 6

Masonite Corp.
Masonite Road
Wysox, PA 18854
Bart Bushen @ (570)268-8738

Isotope @ Activity	Source	Device	Device-Mfg.
244Cm @ 1000 mCi	CLC.D1		DMC

USX Corp.
Fairless Works
Fairless Hills, PA 19030
Frank Carvell @ (215)736-4270

Isotope @ Activity	Source	Device	Device-Mfg.
241Am @ 3000 mCi	AMC.30	AM-3E	DMC
	AMC.30	AM-3E	DMC
	AMC.30	AM-3E	DMC

Listing of specific licensees located in VA

Georgia Pacific Corp.
Oriented Strand Board Plant
234 Forest Rd.
Skippers, VA 23879
Denise Fluharty @ (804)634-6133

Isotope @ Activity	Source	Device	Device-Mfg.
90Sr @ 50 mCi	SIF.D1	SHR-6	DMC
244Cm @ 1000 mCi	CLC.D1	CM-E8	DMC
	CLC.D1	CM-E8	DMC
	CLC.D1	CM-E8	DMC

Listing of specific licensees located in WI

Weyerhaeuser-Rothschild
200 Grand Ave.
Rothschild, WI 54474
Tom Huftel @ (715)359-3101x404

Isotope @ Activity	Source	Device	Device-Mfg.
137Cs @ 500 mCi	----- 7700	-----	----- Kay-Ray

Listing of specific licensees located in WV

Pechiney Rolled Products
Rte. 2 S.
PO Box 98
Ravenswood, WV 26164
Bruce Horvath @ (304)273-6162

Isotope @ Activity	Source	Device	Device-Mfg.
90Sr @ 100 mCi	----- SIF.D1	----- SR-U2	----- DMC



RECEIVED
REGION 1

DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

'02 JAN 15

Page 1 of 12

Pursuant to the Maryland Radiation Act, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. The license is subject to all applicable rules, regulations and orders of the Maryland State Department of the Environment, now or hereinafter in effect and to any conditions specified below. In accordance with license application dated May 29, 1997, License MD-31-088-02 is hereby renewed.

1. Name: Radiometrie Corporation
2. Address: P.O. Box 490
Gaithersburg, Maryland 20844

3. License No.: MD-31-088-02
4. Amendment No.: 40 RENEWAL Code (03240)
5. Expiration Date: February 28, 2005

6. Radioactive material (element and mass number)

A. Iron-55

B. Krypton-85

C. Krypton-85

D. Krypton-85

E. Krypton-85

F. Krypton-85

G. Krypton-85

7. Chemical and/or physical form

A. Sealed Source (Amersham IEC.D2)

B. Sealed Source (Amersham KAC.24100)

C. Sealed Source (Amersham KAC.4)

D. Sealed Source (Amersham KAC.D3)

E. Sealed Source (Amersham KAC.D3)

F. Sealed Source (Amersham KAC.D3)

G. Sealed Source (NEN NER 584)

8. Maximum amount of activity which licensee may possess at any one time

A. No source to exceed 350 millicuries. Total possession 5 sources.

B. No source to exceed 100 millicuries. Total possession 15 sources.

C. No source to exceed 100 millicuries. Total possession 15 sources.

D. No source to exceed 400 millicuries. Total possession 30 sources.

E. No source to exceed 500 millicuries. Total possession 20 sources.

F. No source to exceed 600 millicuries. Total possession 50 sources.

G. No source to exceed 2 Curies. Total possession 10 sources.



**DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE**

Page 2 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

H. Krypton-85	H. Sealed Source (NEN NER 585)	H. No source to exceed 1 Curie. Total possession 30 sources.
I. Strontium-90	I. Sealed Source (Amersham SIC/W33)	I. No source to exceed 10 millicuries. Total possession 15 sources.
J. Strontium-90	J. Sealed Source (Amersham SIF.D1)	J. No source to exceed 50 millicuries. Total possession 30 sources.
K. Strontium-90	K. Sealed Source (Amersham SIF.D1)	K. No source to exceed 300 millicuries. Total possession 10 sources.
L. Cesium-137	L. Sealed Source (Amersham X60.1)	L. No source to exceed 30 Curies. Total possession 5 sources.
M. Promethium-147	M. Sealed Source (Amersham PHC.80955)	M. No source to exceed 500 millicuries. Total possession 20 sources.
N. Promethium-147	N. Sealed Source (Amersham PHC.Q880)	N. No source to exceed 200 millicuries. Total possession 30 sources.
O. Promethium-147	O. Sealed Source (Amersham 83515)	O. No source to exceed 5 Curies. Total possession 10 sources.
P. Americium-241	P. Sealed Source (Amersham AMC.19)	P. No source to exceed 1 Curie. Total possession 150 sources.
Q. Americium-241	Q. Sealed Source (Amersham AMC.30)	Q. No source to exceed 1 Curie. Total possession 30 sources.
R. Americium-241	R. Sealed Source (Amersham AMC.50)	R. No source to exceed 5 Curies. Total possession 5 sources.
S. Americium-241	S. Sealed Source (Amersham AMC.D1)	S. No source to exceed 1 Curie. Total possession 50 sources.
T. Americium-241	T. Sealed Source (Amersham AMC.D3)	T. No source to exceed 1 Curie. Total possession 10 sources.



**DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE**

Page 3 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

U. Americium-241	U. Sealed Source (Amersham AMC.K316)	U. No source to exceed 1200 millicuries. Total possession 20 sources.
V. Curium-244	V. Sealed Source (Amersham CLCL)	V. No source to exceed 200 millicuries. Total possession 10 sources.
W. Curium-244	W. Sealed Source (Amersham CLC.D1)	W. No source to exceed 1200 millicuries. Total possession 20 sources.
X. Americium-241	X. Sealed Source (Amersham AMC.18, BEBIG Am1.G11, Am1.G22, Am1.G33, Am1.G44)	X. No source to exceed 1 Curie. Total possession 20 sources
Y. Krypton-85	Y. Sealed Source (NEN NER 8170)	Y. No source to exceed 50 millicuries. Total possession 5 sources.
Z. Krypton-85	Z. Sealed Source (NEN NER 8170)	Z. No source to exceed 1 Curie. Total possession 5 sources.
AA. Strontium-90	AA. Sealed Source (Amersham SIC.L5, NEN NER 593)	AA. No source to exceed 5 millicuries. Total possession 5 sources.
BB. Strontium-90	BB. Sealed Source (Amersham SIC.L5, NEN NER 593)	BB. No source to exceed 15 millicuries. Total possession 5 sources.
CC. Promethium-147	CC. Sealed Source (Amersham PHC.C1)	CC. No source to exceed 500 millicuries. Total possession 5 sources.
DD. Americium-241	DD. Sealed Source (Amersham AMC.D1, NEN NER 593)	DD. No source to exceed 600 millicuries. Total possession 20 sources.
EE. Cesium-137	EE. Sealed Source (Amersham CDC.PE3)	EE. No source to exceed 30 Curies. Total possession 4 sources.
FF. Krypton-85	FF. Sealed Source (NEN NER 8170)	FF. No source to exceed 100 millicuries. Total possession 10 sources
GG. Curium-244	GG. Sealed Source (Amersham CLC.D1)	GG. No source to exceed 500 millicuries. Total possession 6 sources



**DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE**

Page 4 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

HH. Americium-241

II. Promethium-147

HH. Sealed Source (Amersham
AMC.D1)

II. Sealed Source (Amersham
PHC.C1)

HH. No source to exceed 600
millicuries. Total possession 6
sources.

II. No source to exceed 500
millicuries. Total possession 6
sources.

9. Authorized Use(s):

- A. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-7 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- B&C. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-1 OR SHR-1A IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01.
- D. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL K1 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22 (D) COMAR 26.12.01.01
- E. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL BCL-1 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01.
- F-G. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-5 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- H. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODELS SHR-5, SHR-7, AND SHR-9 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 5 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

AUTHORIZED USE(S):

- I. . FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-1 OR SHR-1A IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01.
- J. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODELS SHR-6, SHR-9, OR SHR-13 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01.
- K. FOR USE IN MANUFACTURE OF DEVICE MODEL SR-U2 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. . FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING, AND SERVICING OF THESE DEVICES
- L. FOR USE IN MANUFACTURE OF DEVICE MODEL CE-30 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- M. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL K1 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22 (D) COMAR 26.12.01.01
- N. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-1 OR SHR-1A IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- O. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-14 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- P. FOR USE IN MANUFACTURE OF DEVICE MODEL 5310-1 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING, AND SERVICE OF THESE DEVICES.
- P. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODELS AM-5A OR SHR-14-AB IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 6 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

AUTHORIZED USE(S)

- Q. FOR USE IN MANUFACTURE OF DEVICE MODELS 5310-3 AND AM-3E AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- R. FOR USE IN MANUFACTURE OF DEVICE MODEL 5310-5 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES
- S. FOR USE IN MANUFACTURE OF DEVICE MODELS C4 OR K1 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- T. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-14 AND SHR-14-AB IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- U. FOR USE IN MANUFACTURE OF DEVICE MODEL AM4T AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- V. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL SHR-13 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- W. FOR USE IN MANUFACTURE OF DEVICE MODEL CM-E8 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- X. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL 15354/05 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- Y. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL 41521/8810-41521/8890 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- Z. FOR USE IN MANUFACTURE OF DEVICE MODEL 41521/8810-41521/8890 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 7 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

- AA. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL 41521/8810-41521/8890 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- BB. FOR USE IN MANUFACTURE OF DEVICE MODEL 41521/8810-41521/8890 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- CC. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL 41521/8810-41521/8890 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- DD. FOR USE IN MANUFACTURE AND DISTRIBUTION OF DEVICE MODEL 41521/8810-41521/8890 IN ACCORDANCE WITH SECTION C.28(D) COMAR 26.12.01.01 TO GENERALLY LICENSED RECIPIENTS IN ACCORDANCE WITH SECTION C.22(D) COMAR 26.12.01.01
- EE. FOR USE IN MANUFACTURE OF DEVICE MODEL 41631/20 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- FF. FOR USE IN MANUFACTURE OF DEVICE MODEL 41574/9810 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- GG. FOR USE IN MANUFACTURE OF DEVICE MODEL 41574/9830 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- HH. FOR USE IN MANUFACTURE OF DEVICE MODEL 41574/9840 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.
- II. FOR USE IN MANUFACTURE OF DEVICE MODEL 41574/9850 AND DISTRIBUTION TO SPECIFIC LICENSEES BY RADIOMETRIE. FOR POSSESSION INCIDENT TO INSTALLATION, RELOCATION, DISMANTLING AND SERVICING OF THESE DEVICES.

LICENSE CONDITIONS

- 10A. The authorized place of use is the licensee's address stated in Item 2. The licensee must notify the Radiological Health Program 30 days prior to vacating a permanent use address as is required by Section D.1301 of COMAR 26.12.01.01.



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 8 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

CONDITIONS CONTINUED

- 10B. Radiometrie is authorized to collect field leak test wipes for in house evaluations.
- 11A. The radiation protection program shall be under the supervision of Michael A. Norbury.
- 11B. Radioactive material shall be used by, or under the supervision of

Josef Bertels
Todd Bolinger
Jean-Pierre Boonen
Charles Born
Chris Burnett
Vincent Chao
Chang Ho Chung
John Coppola
Cheyenne De Jesus
Joseph Dorffner
Roy Drake
Todd Distler
John Eddy
Roy Ellenwood
Charles Eyler
John Fearing
Todd Funke
John Gardner
Bruce Geisler
Eugene Gobrecht
Christopher Gockley
Mike Hedderman
Stanley Hsu
Jim Jackson

Dino Jardina
Dennis Jones
Paul Jones
Weisen Li
Stephen Mayville
Randy Mika
Michael Minty
Michael Norbury
Fabrice Poncellet
Glen Schultz
Earl Smith
Todd Taylor
Kenneth Thayer
Jim Torro
Joe Tortorici
Benoit Verlaine
Shi Wang
Colin Wayte
Kevin Winslow
Kang Byung Woong
Yu Li
Hong Wei Zhang

12. The licensee shall comply with all appropriate provisions of COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation."



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 9 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

CONDITIONS CONTINUED

- 13A. Each sealed source containing radioactive material, other than Hydrogen-3 with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested. If there is reason to suspect that a sealed source might have been damaged, or might be leaking, it shall be tested for leakage before further use.
- 13B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of a device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate.
- 13C. Records of leak tests shall be kept in units of microcuries and maintained for inspection by the Department.
- 13D. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department regulations. A report shall be filed within five (5) days of the test with the Administrator, Radiological Health Program, 2500 Broening Highway, Baltimore, Maryland 21224 describing the equipment involved, the test results, and the corrective action taken.
- 13E. Test for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission or another Agreement State to perform such services.
14. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 10 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

CONDITIONS CONTINUED

15. The licensee shall furnish to each general licensee to whom he transfers a device pursuant to this license a copy of Section C.22(d) "Certain Measuring, Gauging or Controlling Devices" of the Maryland Regulations 26.12.01.01 "Regulations for Control of Ionizing Radiation" or equivalent regulations of the U.S. Nuclear Regulatory Commission or another Agreement State.

After installation by the licensee of each device distributed to persons generally licensed pursuant to Section C.22(d) of 26.12.01.01 or equivalent regulations of the U.S. Nuclear Regulatory Commission or another Agreement State, the licensee shall conduct a radiation survey and shall assure that the levels of radiation do not exceed those specified in the license authorizing the manufacture or distribution of the installed gauge. The licensee shall furnish the general licensee a copy of the radiation survey report.

- 16A. Each device distributed under this license shall bear a durable clearly visible and legible label or labels containing the following or substantially similar statement:

1. "Receipt, possession, use, and transfer of this device are subject to a general license or equivalent regulations of an Agreement State or the U.S. Nuclear Regulatory Commission."

2. "Abandonment or disposal prohibited unless transferred to persons specifically licensed by an Agreement State or the U.S. Nuclear Regulatory Commission."

3. "Operation prohibited if there is indication of failure of or damage to shielding, source containment, or on-off mechanism."

4. "Installation, dismantling, relocation, maintenance, repair, and testing involving the radioactive material, its shielding or containment shall be performed by persons specifically licensed by an Agreement State or the U.S. Nuclear Regulatory Commission."

- 16B. Each device distributed under this license shall bear a durable clearly visible and legible label or labels containing the device model and serial number, the radiation symbol in colors magenta or purple on a yellow background, the words "CAUTION, RADIOACTIVE MATERIAL" or "DANGER, RADIOACTIVE MATERIAL", the quantity, identity and date of measurement of the radioactive material, and the name of the distributor of the device.



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 11 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

Conditions continued

- 16C. Each label required by this condition shall bear the statement, "Removal of this label is prohibited".
17. The licensee shall report to the Department all transfers of the devices distributed under this license to persons generally licensed under Section C.22(d). Such report shall identify each general licensee by name and address, the type of device transferred, the quantity and type of radioactive material contained in the device, and specific location where each device is installed. The report shall be submitted within 30 days after the end of each calendar quarter in which any such device is transferred to a generally licensed person.
18. The licensee shall test each device distributed under this license for leakage or contamination of radioactive material and proper operation of the "on-off" mechanism and indicator, if any, at the time of installation of the device.
19. Food and beverage containers shall not be discarded in radioactive or normal trash containers in licensee's areas utilizing radioactive materials.
- 20A. The licensee shall not make any false statement, representation, or certification in any application, record, report, plan, or other document regarding radiation levels, tests performed or radiological safety conditions or practices. Additionally, the licensee shall not falsify, tamper with, or render inaccurate any monitoring device or method.
- 20B. Violation of any term, condition, or regulation could subject the licensee to administrative or civil penalty or criminal prosecution, as specified in Title 8, Radiation, of the Article Environment of the Annotated Code of Maryland.



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 12 of 12

License Number: MD-31-088-02

Amendment Number: 40 (03240)

CONDITIONS CONTINUED

21. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material authorized by this license in accordance with statements representations, and procedures contained in:

- 1) Application dated May 29, 1997
- 2) Letter with attachments dated June 26, 1998
- 3) Letter dated August 17, 1998
- 4) Letter dated September 3, 1998
- 5) Letter dated December 2, 1998
- 6) Letter dated March 19, 1999
- 7) Letter dated June 9, 1999
- 8) Letter dated August 11, 1999
- 9) Letter dated January 13, 2000.

COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Roland G. Fletcher
Radiological Health Program Manager II

January 20, 2000

NAO

REM 2/8/00



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-088-02

Amendment No.: 41

CODE 03240

Radiometrie Corporation
P.O. Box 490
Gaithersburg, Maryland 20844

In accordance with letter dated March 2, 2000, Radioactive Material License Number MD-31-088-02 is amended as follows:

Item 8Q to read: No source to exceed 3 Curies.
Total possession 30 sources.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

March 10, 2000

Roland G. Fletcher
Radiological Health Program Manager

LJR LJR 3/10/2000
RGR 3/21/2000



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-088-02

Amendment No.: 42

CODE 03240

Radiometrie Corporation
15844 Gaither Drive
Gaithersburg, Maryland 20844

In accordance with letters dated February 21, 2000, and June 12, 2000, Radioactive Material License Number MD-31-088-02 is amended as follows:

Item 2 to read:

15844 Gaither Drive
Gaithersburg, Maryland 20844

Condition 10C: The licensee is authorized to distribute a leak test kit to enable general licensees to both take wipes to be read by the licensee and to test "OFF/ON" mechanism and indicator.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

June 19, 2000

Roland G. Fletcher
Radiological Health Program Manager

BJP

6/19/2000

RM 7/21/2000



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-088-02

Amendment No.: 43 CODE 03240

Radiometrie Corporation
15844 Gaither Road
Gaithersburg, Maryland 20844

In accordance with letter dated August 11, 1999, Radioactive Material License Number MD-31-088-02 is amended as follows:

Condition 11B to add: Charles Born, Cheyenne De Jesus, Roy Drake, Christopher Gockley, and Dennis Jones

To delete: Fred Axmacher, Willie Bangachon, Robert Chen, Brian Cook, Vince Harris, Freddy Leon, Dwayne Loveland, Richard Newman, Jeff Pheiff, Randy Phillips, Gustaw Przybylo, Tim Sherman, James Tedesco, Tim Thatch, Larry Wheeler,

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

August 23, 2000

Roland G. Fletcher
Radiological Health Program Manager

NAO 140 8/23/2000
RM 8/28/2000



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-088-02

Amendment No.: 45 CODE 03240

Radiometrie Corporation
15844 Gaither Road
Gaithersburg, Maryland 20844

In accordance with facsimile dated December 21, 2000, Radioactive Material License Number MD-31-088-02 is amended as follows:

Condition 11B to add: William Miller, William Kuhn, and William Taylor.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

December 26, 2000

A handwritten signature in cursive script, reading "Roland G. Fletcher".

Roland G. Fletcher
Radiological Health Program Manager

NAO 100 01/16/2000
REN 01/02/2001



DEPARTMENT OF THE ENVIRONMENT
RADIOLOGICAL HEALTH PROGRAM
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

License No: MD-31-088-02

Amendment No.: 48 CODE 03240

ThermoRadiometrie Corporation
15844 Gaither Road
Gaithersburg, Maryland 20844

In accordance with letter dated July 23, 2001, Radioactive Material License Number MD-31-088-02 is amended as follows:

Condition 11B to read:

11B. Radioactive material shall be used by, or under the supervision of:

Michael Norbury	John Eddy	Glen Schultz
Dean Whitefield	Roy Ellenwood	Earl Smith
Chris Burnett	Todd Funke	Todd Taylor
Dennis Jones	John Gardner	Benoit Verlaine
Josef Bertels	Eugene Gobrecht	Shi Wang
Todd Bolinger	Christopher Gockley	Colin Wayte
Jean-Pierre Boonen	Mike Hedderman	Kevin Winslow
Charles Born	Dino Jardina	Kang Byung Woong
Vincent Chao	Paul Jones	Yu Li
Chang Ho Chung	Weisen Li	Hong Wei Zhang
John Coppola	Stephen Mayville	William Miller
Cheyenne De Jesus	Randy Mika	Dwayne Loveland
Todd Distler	Fabrice Poncelet	

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

October 5, 2001

Roland G. Fletcher
Radiological Health Program Manager

NAOMAC 10/5/2001
PC 10/15/2001