

US NRC REGION 2

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01/26 '01 12:13 NO.676 02/08

NRC FORM 241  
(7-1999)

U.S. NUCLEAR REGULATORY COMMISSION

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

APPROVED BY OMB: NO. 3150-0013

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 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 (7-4 EG), U.S. Nuclear Regulatory Commission, Washington, DC 20535-0001, or by Internet e-mail to b11@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)

Metso Automation USA, Inc.

2. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)

3100 Medlock Bridge Road  
Suite 250  
Norcross, GA 30071

2. TYPE OF REPORT

☒ INITIAL ☐ REVISION ☐ CLARIFICATION

4. LICENSEE CONTACT AND TITLE

Jack Ramsey, RSO

5. TELEPHONE NUMBER  
(Include Area Code)

770/446-7818

6. FACSIMILE NUMBER  
(Include Area Code)

770/446-8794

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)  $\Rightarrow$  \_\_\_\_\_  
☐ RADIOGRAPHY  $\Rightarrow$  REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE

Rock Tenn Co.  
1801 Concord Turnpike  
Lynchburg, VA 24504

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION

(Street and Number or other location. Give as complete an address or directions as possible.)

Rock Tenn Co.  
1801 Concord Turnpike  
Lynchburg, VA 2450410. CLIENT TELEPHONE NUMBER  
(Include Area Code)

804/847-5521

11. WORK LOCATION TELEPHONE NUMBER  
(Include Area Code)

804/847-5521

12. DATES SCHEDULED

FROM

1/2/02

TO

2/8/02

13. NUMBER OF  
WORK DAYS

27

14.  
ADD15.  
DELETE16. LOCATION  
REFERENCE NUMBERNUMBER TO BE  
ASSIGNED BY NRC

100 414

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.)

NDC Portable Gauge	Am-241	25mCi
NDC Portable Gauge	Am-241	80mCi

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT  
ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OR USE, AS SPECIFIED IN ITEM 9,  
ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)

LICENSE NUMBER

GA 458-3G

STATE

GA

EXPIRATION DATE

31-Oct-03

## 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)

Jack Ramsey, RSO

SIGNATURE



DATE

12/26/01

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)

David J. Collins, Health Physicist

SIGNATURE



DATE

1/4/2002

TOTAL USAGE - DAYS TO DATE

27

NRC FORM 241 (7-1999)

Division of Nuclear Materials Safety  
USNRC Region II

PRINTED ON RECYCLED PAPER

FAN (404) 302-4955 / VERIFY (404) 562-4719

NRC FORM 241 (7-1999)

**Neles Automation USA, Inc.**  
**3100 Medlock Bridge Rd.**  
**Suite 250**  
**Norcross, GA 30017**

<b>Mill Name</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>	<b>Country</b>	<b>Tel Number</b>	<b>NRC Code</b>
<i>Boise Cascade</i>	<i>4200 Highway, 190 West</i>	<i>DeRidder</i>	<i>LA</i>	<i>70634</i>	<i>USA</i>	<i>(318) 462-4300</i>	
<i>Corrugated Services</i>	<i>855 East Highway 80</i>	<i>Forney</i>	<i>TX</i>	<i>75126</i>	<i>USA</i>	<i>(214) 515-6400</i>	
<i>Gaylord Containerboard Division</i>	<i>2301 Wilbur Avenue</i>	<i>Antioch</i>	<i>CA</i>	<i>94509</i>	<i>USA</i>	<i>(925) 779-3200</i>	
<i>Gaylord Containerboard Division</i>	<i>Avenue U</i>	<i>Bogalusa</i>	<i>LA</i>	<i>70427</i>	<i>USA</i>	<i>(504) 732-8000</i>	
<i>Georgia-Pacific Corp.</i>	<i>Highway 501</i>	<i>Big Island</i>	<i>VA</i>	<i>24526</i>	<i>USA</i>	<i>(804) 299-5911</i>	
<i>Georgia-Pacific Corp.</i>	<i>Georgia Highway 273 West</i>	<i>Cedar Springs</i>	<i>GA</i>	<i>31732</i>	<i>USA</i>	<i>(912) 372-5541</i>	
<i>Georgia-Pacific Corp.</i>	<i>604 N.A. Sandifer Road</i>	<i>Monticello</i>	<i>MS</i>	<i>39654</i>	<i>USA</i>	<i>(601) 587-7711</i>	
<i>Georgia-Pacific Corp.</i>	<i>#1 Butler Bridge Road</i>	<i>Toledo</i>	<i>OR</i>	<i>97391</i>	<i>USA</i>	<i>(541) 336-2211</i>	
<i>Green Bay Packaging</i>	<i>1601 N. Quincy</i>	<i>Green Bay</i>	<i>WI</i>	<i>54302</i>	<i>USA</i>	<i>(920) 433-5000</i>	
<i>Green Bay Packaging</i>	<i>338 Highway 113 South</i>	<i>Morrilton</i>	<i>AR</i>	<i>72110</i>	<i>USA</i>	<i>(501) 354-4521</i>	
<i>Greif Brothers Corp.</i>	<i>861 Fibre Plant Road</i>	<i>Amherst</i>	<i>VA</i>	<i>24553</i>	<i>USA</i>	<i>(804) 933-8643</i>	
<i>McKinley Paper Company</i>	<i>County Road 19</i>	<i>Prewitt</i>	<i>NM</i>	<i>87045</i>	<i>USA</i>	<i>(505) 876-2100</i>	
<i>Premier Boxboard Limited, LLC</i>	<i>2585 E. 200 North</i>	<i>Cayuga</i>	<i>IN</i>	<i>47928</i>	<i>USA</i>	<i>(765) 492-3341</i>	
<i>Inland Paperboard &amp; Packaging</i>	<i>1241 West Second Street</i>	<i>Maysville</i>	<i>KY</i>	<i>41056</i>	<i>USA</i>	<i>(606) 564-0063</i>	
<i>Inland Paperboard &amp; Packaging</i>	<i>2877 Scepter Road</i>	<i>New Johnsonville</i>	<i>TN</i>	<i>37134</i>	<i>USA</i>	<i>(931) 535-2161</i>	
<i>Inland Paperboard &amp; Packaging</i>	<i>5100 Jurupa Street</i>	<i>Ontario</i>	<i>CA</i>	<i>91761</i>	<i>USA</i>	<i>(909) 292-1055</i>	
<i>Inland Paperboard &amp; Packaging</i>	<i>1750 Inland Rd.</i>	<i>Orange</i>	<i>TX</i>	<i>77632</i>	<i>USA</i>	<i>(409) 746-2441</i>	
<i>Inland Paperboard &amp; Packaging</i>	<i>238 Mays Bridge Road</i>	<i>Rome</i>	<i>GA</i>	<i>30162</i>	<i>USA</i>	<i>(706) 232-0851</i>	
<i>International Paper Co.</i>	<i>1202 Highway 509</i>	<i>Mansfield</i>	<i>LA</i>	<i>71052</i>	<i>USA</i>	<i>(318) 872-5100</i>	
<i>International Paper Co.</i>	<i>300 Williams Lake Road</i>	<i>Pineville</i>	<i>LA</i>	<i>71360</i>	<i>USA</i>	<i>(318) 441-4100</i>	
<i>International Paper Co.</i>	<i>100 Jensen Road</i>	<i>Prattville</i>	<i>AL</i>	<i>36067</i>	<i>USA</i>	<i>(334) 361-5000</i>	
<i>International Paper Co.</i>	<i>100 Gaston Road</i>	<i>Roanoke Rapids</i>	<i>NC</i>	<i>27870</i>	<i>USA</i>	<i>(252) 533-6011</i>	
<i>International Paper Co.</i>	<i>West Lathrop Avenue</i>	<i>Savannah</i>	<i>GA</i>	<i>31408</i>	<i>USA</i>	<i>(912) 238-6000</i>	
<i>International Paper Co.</i>	<i>1202 Highway 509</i>	<i>Terre Haute</i>	<i>IN</i>	<i>47802</i>	<i>USA</i>	<i>(812) 234-6688</i>	
<i>International Paper Co.</i>	<i>Highway 3 North</i>	<i>Vicksburg</i>	<i>MS</i>	<i>39156</i>	<i>USA</i>	<i>(601) 638-3665</i>	
<i>International Paper Co.</i>	<i>720 Laurel Street</i>	<i>Reading</i>	<i>PA</i>	<i>19602</i>	<i>USA</i>	<i>(610) 374- 3000</i>	
<i>United Corrstack Incorporated</i>	<i>2366 Interstate Paper Road</i>	<i>Riceboro</i>	<i>GA</i>	<i>31323</i>	<i>USA</i>	<i>(912) 884-3371</i>	
<i>Interstate Resources Incorporated</i>	<i>13500 Liberty Lane</i>	<i>Becker</i>	<i>MN</i>	<i>55308</i>	<i>USA</i>	<i>(612) 332-0840</i>	
<i>Liberty Paper Incorporated</i>	<i>139 Price Farm Road</i>	<i>Cowpens</i>	<i>SC</i>	<i>29330</i>	<i>USA</i>	<i>(864) 463-9090</i>	
<i>LinPac Inc.</i>	<i>End of Fibre Way</i>	<i>Longview</i>	<i>WA</i>	<i>98632</i>	<i>USA</i>	<i>(360) 425-1550</i>	
<i>Longview Fibre Co.</i>	<i>1611 County Road 85</i>	<i>Stevenson</i>	<i>AL</i>	<i>35772</i>	<i>USA</i>	<i>(256) 437-2161</i>	
<i>Mead Corp.</i>							

**Neles Automation USA, Inc.**  
**3100 Medlock Bridge Rd.**  
**Suite 250**  
**Norcross, GA 30017**

<b>Mill Name</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>	<b>Country</b>	<b>Tel Number</b>	<b>NRC Code</b>
<i>Menasha Paperboard Division</i>	<i>320 North Farmer Street</i>	<i>Otsego</i>	<i>MI</i>	<i>49078</i>	<i>USA</i>	<i>(616) 692-6141</i>	
<i>Port Townsend Paper Corporation</i>	<i>100 Paper Mill Hill Road</i>	<i>Port Townsend</i>	<i>WA</i>	<i>98368</i>	<i>USA</i>	<i>(360) 385-3170</i>	
<i>Packaging Corporation of America</i>	<i>Highway 57</i>	<i>Counce</i>	<i>TN</i>	<i>38326</i>	<i>USA</i>	<i>(901) 689-3111</i>	
<i>Packaging Corporation of America</i>	<i>N9090 County Road E</i>	<i>Tomahawk</i>	<i>WI</i>	<i>54487</i>	<i>USA</i>	<i>(715) 453-2131</i>	
<i>Packaging Corporation of America</i>	<i>5495 Lake Park Clyattille Road</i>	<i>Valdosta</i>	<i>GA</i>	<i>31601</i>	<i>USA</i>	<i>(912) 559-7911</i>	
<i>Potlatch Corporation</i>	<i>5082 Hwy 4 North</i>	<i>Arkansas City</i>	<i>AR</i>	<i>71630</i>	<i>USA</i>	<i>(870) 877-2662</i>	
<i>Rand Whitney Containerboard Company</i>	<i>Route 163</i>	<i>Montville</i>	<i>CT</i>	<i>6353</i>	<i>USA</i>	<i>(860) 848-1900</i>	
<i>Riverwood International Corporation</i>	<i>100 Riverwood Int'l Way</i>	<i>Macon</i>	<i>GA</i>	<i>31206</i>	<i>USA</i>	<i>(912) 788-6160</i>	
<i>Riverwood International Corporation</i>	<i>1000 Jonesboro Road</i>	<i>West Monroe</i>	<i>LA</i>	<i>71292</i>	<i>USA</i>	<i>(318) 362-2000</i>	
<i>Rock-Tenn Company</i>	<i>1801 Concord Turnpike</i>	<i>Lynchburg</i>	<i>VA</i>	<i>24505</i>	<i>USA</i>	<i>(804) 847-5521</i>	
<i>Simpson Tacoma Kraft Company</i>	<i>801 Portland Avenue</i>	<i>Tacoma</i>	<i>WA</i>	<i>98421</i>	<i>USA</i>	<i>(253) 572-2150</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>32224 Highway 31</i>	<i>Brewton</i>	<i>AL</i>	<i>36426</i>	<i>USA</i>	<i>(334) 867-3621</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>500 North Fourth Street</i>	<i>Coshocton</i>	<i>OH</i>	<i>43812</i>	<i>USA</i>	<i>(740) 622-6543</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>North 8th Street</i>	<i>Fernandina Beach</i>	<i>FL</i>	<i>32034</i>	<i>USA</i>	<i>(904) 261-5551</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>Paper Mill Road</i>	<i>Florence</i>	<i>SC</i>	<i>29501</i>	<i>USA</i>	<i>(843) 662-0313</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>Mill Street</i>	<i>Hodge</i>	<i>LA</i>	<i>71247</i>	<i>USA</i>	<i>(318) 259-4421</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>910 Industrial Street</i>	<i>Hopewell</i>	<i>VA</i>	<i>23860</i>	<i>USA</i>	<i>(804) 541-9600</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>9469 Eastport Road</i>	<i>Jacksonville</i>	<i>FL</i>	<i>32218</i>	<i>USA</i>	<i>(904) 751-6400</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>14377 Pulp Mill Road</i>	<i>Missoula</i>	<i>MT</i>	<i>59802</i>	<i>USA</i>	<i>(406) 626-4451</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>One Superior Way</i>	<i>Ontonagon</i>	<i>MI</i>	<i>49953</i>	<i>USA</i>	<i>(906) 884-7100</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>1 Everitt Avenue</i>	<i>Panama City</i>	<i>FL</i>	<i>32401</i>	<i>USA</i>	<i>(850) 785-4311</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>125 Depot Road</i>	<i>Uncasville</i>	<i>CT</i>	<i>6382</i>	<i>USA</i>	<i>(860) 848-1500</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>19th &amp; Main Streets</i>	<i>West Point</i>	<i>VA</i>	<i>23181</i>	<i>USA</i>	<i>(804) 843-5000</i>	
<i>Smurfit-Stone Container Corp.</i>	<i>53 Industrial Drive</i>	<i>Syracuse</i>	<i>NY</i>	<i>13204-1035</i>	<i>USA</i>	<i>(315) 484-9050</i>	
<i>Solvay Paperboard LP</i>	<i>North Second Street</i>	<i>Hartsville</i>	<i>SC</i>	<i>29550</i>	<i>USA</i>	<i>(843) 383-7000</i>	
<i>Sonoco Products</i>	<i>1800 Sarasota Business Parkway</i>	<i>Conyers</i>	<i>GA</i>	<i>30013</i>	<i>USA</i>	<i>(770) 922-5400</i>	
<i>Visy Paper Inc.</i>	<i>4435 Victory Blvd</i>	<i>Staten Island</i>	<i>NY</i>	<i>10314</i>	<i>USA</i>	<i>(718) 370-1114</i>	
<i>Visy Paper Inc.</i>	<i>5600 Virginia Avenue</i>	<i>Charleston</i>	<i>SC</i>	<i>29406</i>	<i>USA</i>	<i>(843) 745-3000</i>	
<i>Westvaco Corp.</i>	<i>4600 C Street SW</i>	<i>Cedar Rapids</i>	<i>IA</i>	<i>52404-7600</i>	<i>USA</i>	<i>(319) 365-2100</i>	
<i>Cedar River Paper Company</i>	<i>1500 Commonwealth Drive</i>	<i>Henderson</i>	<i>KY</i>	<i>42420</i>	<i>USA</i>	<i>(270) 831-6000</i>	
<i>Weyerhaeuser Co.</i>	<i>Horsfall Beach Road</i>	<i>North Bend</i>	<i>OR</i>	<i>97459</i>	<i>USA</i>	<i>(541) 756-5171</i>	
<i>Weyerhaeuser Co.</i>							

**Neles Automation USA, Inc.**  
**3100 Medlock Bridge Rd.**  
**Suite 250**  
**Norcross, GA 30017**

<b>Mill Name</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>	<b>Country</b>	<b>Tel Number</b>	<b>NRC Code</b>
<i>Weyerhaeuser Co.</i>	<i>Highway 10 East</i>	<i>Pine Hill</i>	<i>AL</i>	<i>36769</i>	<i>USA</i>	<i>(334) 963-4391</i>	
<i>Weyerhaeuser Co.</i>	<i>Main Street Extension</i>	<i>Plymouth</i>	<i>NC</i>	<i>27962</i>	<i>USA</i>	<i>(252) 793-8111</i>	
<i>Weyerhaeuser Co.</i>	<i>785 North 42nd Street</i>	<i>Springfield</i>	<i>OR</i>	<i>97478</i>	<i>USA</i>	<i>(541) 746-2511</i>	
<i>Weyerhaeuser Co.</i>	<i>Highway 70 West</i>	<i>Valliant</i>	<i>OK</i>	<i>74764</i>	<i>USA</i>	<i>(580) 933-7211</i>	
<i>Willamette Industries</i>	<i>3251 Old Salem Road N.E.</i>	<i>Albany</i>	<i>OR</i>	<i>97321</i>	<i>USA</i>	<i>(541) 926-2281</i>	
<i>Willamette Industries</i>	<i>4537 Highway 480</i>	<i>Campti</i>	<i>LA</i>	<i>71411</i>	<i>USA</i>	<i>(318) 476-3392</i>	
<i>Willamette Industries</i>	<i>Highway 1406</i>	<i>Hawesville</i>	<i>KY</i>	<i>42348</i>	<i>USA</i>	<i>(270) 927-6961</i>	
<i>Willamette Industries</i>	<i>5936 Perkins Road</i>	<i>Port Hueneme</i>	<i>CA</i>	<i>93033</i>	<i>USA</i>	<i>(805) 986-3881</i>	

# Georgia Department of Natural Resources

4244 International Parkway, Suite 114, Atlanta, Georgia 30354

Lonice C. Barrett, Commissioner

Harold F. Reheis, Director

Environmental Protection Division

404/362-2675

## RADIOACTIVE MATERIALS PROGRAM GEORGIA RADIOACTIVE MATERIALS LICENSE

Pursuant to the Georgia Radiation Control Act O.C.G.A. 31-13 (H.B. 947) 1990 and the Georgia Department of Natural Resources Rules and Regulations, designated Chapter 391-3-17, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess, and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the Georgia Department of Natural Resources and orders issued by the Department, now or hereafter in effect, and to any condition specified below.

Page 1 of 12 Pages

License Number GA 458-3G

Amendment Number .42

### License (1. Name and 2. Address)

Metso Automation USA Inc.  
3100 Medlock Bridge Road  
Suite 250  
Norcross, Georgia 30071

3. As per the results of an inspection performed on July 26, 2001, **License Number GA 458-3G** is amended in its entirety to read as follows:

4. **Expiration Date:** October 31, 2003

5. **Telephone Number:** 770-446-7818  
**Facsimile Number:** 770-446-8794

### 6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)

A. Promethium 147

B. Krypton 85

C. Strontium 90

D. Americium 241

E. Iron 55

F. Hydrogen 3

G. Iron 55

H. Strontium 90

### 7. CHEMICAL AND/OR PHYSICAL FORM

A. Sealed Sources (Models as specified in Condition 10.B)

B. Sealed Sources (Models as specified in Condition 10.B)

C. Sealed Sources (Models as specified in Condition 10.B)

D. Sealed Sources (Models as specified in Condition 10.B)

E. Sealed Sources (Models as specified in Condition 10.B)

F. Sealed Sources (Models as specified in Condition 10.B)

G. Sealed Sources (DuPont Model NES-441)

H. Sealed Sources (Isotope Products Laboratories Model LB-90)

### 8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME

A. No single source to exceed 500 millicuries

B. No single source to exceed 500 millicuries

C. No single source to exceed 100 millicuries

D. No single source to exceed 1000 millicuries

E. No single source to exceed 100 millicuries

F. No single source to exceed 45 Curies

G. No single source to exceed 100 microcuries

H. No single source to exceed 16.70 nanocuries

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

Page 2 of 12

License Number GA 458-3G

Amendment Number .42

6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME
I. Cesium 137	I. Sealed Sources (DuPont Model NES-131S)	I. No single source to exceed 1.13 microcuries
J. Promethium 147	J. Sealed Sources (DuPont Model NES-250)	J. No single source to exceed 103 nanocuries
K. Americium 241	K. Sealed Sources (Isotope Products Laboratories Model LB-241)	K. No single source to exceed 8.74 nanocuries
L. Krypton 85	L. Sealed Sources (Models which are registered with the Sealed Source Device Catalog or with the Bureau of Radiological Health))	L. No single source to exceed 2 Curies
M. Strontium 90	M. Sealed Sources (Models which are registered with the Sealed Source Device Catalog or with the Bureau of Radiological Health)	M. No single source to exceed 100 millicuries
N. Americium 241	N. Sealed Sources (AEA Technology, QSA Model AMCP6)	N. No single source to exceed 150 millicuries

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## 9. AUTHORIZED USE

- A. through E. Pursuant to (11)(d) of the Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to manufacture and distribute the devices listed in Condition 10, parts B.1 through B.7E of this license to persons generally licensed pursuant to (6)(c) of Georgia Department of Natural Resources Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U. S. Nuclear Regulatory Commission; for training of field representatives in the use and servicing of Metso Automation USA Inc., devices; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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License Number GA 458-3G

Amendment Number .42

#### 9. AUTHORIZED USE (continued)

- A. through D. Pursuant to (11)(d) of Georgia Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to distribute the devices listed in Condition 10, parts B.8 through B.13B of this license to persons generally licensed pursuant to (6)(c) of Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U.S. Nuclear Regulatory Commission provided that each such device was originally manufactured and distributed by Sentrol Systems, Inc./ Valmet Automation (USA), Inc./Valmet Inc., Automation Division, pursuant to Georgia License Number GA. 458-3G as a generally licensed device; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.
- B. and C. Pursuant to (11)(d) of Georgia Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to distribute the devices listed in Condition 10, parts B.14 through B.15 of this license to persons generally licensed pursuant to (6)(c) of Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U.S. Nuclear Regulatory Commission, provided that each such device was originally manufactured and distributed by Electron Automation Systems, Inc. pursuant to New York License Number (GL) 1407-1169 as a generally licensed device; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.
- C. through F. Pursuant to (11)(d) of Georgia Department of Natural Resources Rule 391-3-17-.02, the licensee is authorized to distribute the devices listed in Condition 10, parts B.16A through B.18 of this license to persons generally licensed pursuant to (6)(c) of Rule 391-3-17-.02 or equivalent provisions of the regulations of any Agreement State or the U.S. Nuclear Regulatory Commission provided that each such device was originally manufactured and distributed by Nucleonic Data Systems, Inc. (NDS) pursuant to California License Number GL 2093-59 or GL 2630-30 as a generally licensed device; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.
- G. thru K. For calibration purposes.
- L. and M. For purposes of removal from customer sites; and storage incident to disposal only.
- N. For use in a NDC Systems Model 104P/104PD mass gauge for the measurement of drainage profiles on a paper line.

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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License Number GA 458-3G

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## CONDITIONS

10. A. Radioactive material may be used at the licensee's address as stated in Item 2 above and at temporary job sites of the licensee anywhere in the State of Georgia. This condition does not prohibit use in other Agreement States and States under the jurisdiction of the U.S. Nuclear Regulatory Commission under reciprocity procedures which may be established by an Agreement State or the U.S. Nuclear Regulatory Commission.
- B. The following table lists the equipment that Metso Automation USA Inc., may distribute pursuant to the terms and conditions of this license. The table lists the devices by model number, the sealed source model(s) that may be used in each device, and the isotope and maximum activity that may be contained in the particular device.

Device Model (SS&D certificate)	Sealed Source Model (SS&D certificate)	Isotope	Maximum Activity Per Device
<b>Active Devices – Metso/Neles/Valmet/Sentrol</b>			
B.1 Ash Gauge 8210 (GA-596-D-104-G)	Amersham IEC.D2 (NR-136-S-156-S)	Iron-55	100 millicuries
B.2 Gamma Gauge 8213 (GA-596-D-105-G)	Amersham AMC 19 NR-136-S-158-S)	Americium-241	1000 millicuries
	Amersham AMC 18 (NR-136-S-158-S)	Americium-241	500 millicuries
B.3 300 NDS (GA-596-D-106-G)	Amersham AMC 19 (NR-136-S-158-S)	Americium-241	2 Curies (no single source to exceed 1000 millicuries)
	Amersham AMCL (NR-136-S-135-S)	Americium-241	100 millicuries
B.4 Ash Meter III 8209 (GA-596-D-109-G)	Amersham IEC.D2 (NR-136-S-156-S)	Iron-55	100 millicuries
B.5 BG-V or BG-V (Air) (GA-596-D-110-G)	DuPont NER-585 (NR-476-S-101-S)	Krypton-85	800 millicuries (no single source to exceed 500 millicuries)
	Amersham KAC.D3 (NR-136-S-248-S)	Krypton-85	800 millicuries (no single source to exceed 400 millicuries)
	Amersham KAC.D1 (NR-136-S-196-S)	Krypton-85	500 millicuries



# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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License Number GA 458-3G

Amendment Number .42

#### Conditions (continued)

Device Model (SS&D certificate)		Sealed Source Model (SS&D certificate)	Isotope	Maximum Activity Per Device
<b>Active Devices – Metso/Neles/Valmet/Sentrol (continued)</b>				
B.5	BG-V or BG-V (Air) (GA-596-D-110-G)	Amersham SIF.D1 (IL-136-S-194-S)	Strontium-90	20 millicuries
		Amersham PHC.C1 (IL-136-S-219-S)	Promethium-147	500 millicuries
B.6	Thin-1 Plus 9022 (GA-596-D-112-G)	Amersham AMC 19 (NR-136-S-158-S)	Americium-241	1 Curie
B.7A	ASM (GA-596-D-113-G)	Amersham IEC.D2 (NR-136-S-156-S)	Iron-55	100 millicuries
B.7B	BWM (GA-596-D-113-G)	Amersham KAC.D3 (NR-136-S-248-S)	Krypton-85	400 millicuries
B.7C	BWM-T (GA-596-D-113-G)	Amersham KAC.D3 (NR-136-S-248-S)	Krypton-85	800 millicuries (no single source to exceed 400 millicuries)
B.7D	BWM-H (GA-596-D-113-G)	Amersham SIC.L5 (IL-136-S-215-S)	Strontium-90	15 millicuries
B.7E	BWM-L (GA-596-D-113-G)	Amersham PHC.C1 (IL-136-S-219-S)	Promethium 147	500 millicuries
<b>Inactive Devices --Valmet/Sentrol (Orig. Manufacturer)</b>				
B.8	Beta Gauge TB-1 (GA-596-D-101-G)	American Atomics 40057B or 40057D (AZ-806-S-119-U), or Amersham KAC.D1 (NR-136- S-196-S), or DuPont NER-585 (NR-476-S-101-S)	Krypton-85	500 millicuries
		Amersham S1F.D1 (IL-136-S-194-S), or 3M 3FIL (NR-460-S-921-S)	Strontium-90	20 millicuries
B.9	Beta Gauge BG-III (GA-596-D-102-G)	American Atomics 40057B or 40057D (AZ-806-S-119-U), or Amersham KAC.D1 (NR-136- S-196-S), or DuPont NER-585 (NR-476-S-101-S)	Krypton-85	500 millicuries
		Amersham S1F.D1 (IL-136-S-194-S), or 3M 3FIL (NR-460-S-921-S)	Strontium-90	20 millicuries
		Amersham PHC.C1 (IL-136-S-219-S)	Promethium-147	500 millicuries

# Georgia Department of Natural Resources

## Radioactive Materials License

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#### Conditions (continued)

Device Model (SS&D certificate)		Sealed Source Model (SS&D certificate)	Isotope	Maximum Activity Per Device
<b>Inactive Devices --Valmet/Sentrol (Orig. Manufacturer) (continued)</b>				
B.10	Profilograph 5001, 5002 (GA-596-D-103-G)	American Atomics 40057B or 40057D (AZ-806-S-119-U), or Amersham KAC.D1 (NR-136- S-196-S), or DuPont NER-585 (NR-476-S-101-S)	Krypton-85	500 millicuries
		Amersham S1F.D1 (IL-136-S-194-S), or 3M 3FIL (NR-460-S-921-S)	Strontium-90	20 millicuries
B.11	Battery Gauge 8500 (GA-596-D-107-G)	Amersham AMC 19 (NR-136-S-158-S)	Americium-241	1 Curie
B.12	Gamma Gauge 8240 (GA-596-D-108-G)	Amersham AMC 19 (NR-136-S-158-S)	Americium-241	1 Curie
B.13A	Model BW-2h55 (GA-596-D-111-G)	Amersham PHC.C1 (IL-136-S-219-S)	Promethium-147	200 millicuries
B.13B	Model BW-5h23 (GA-596-D-111-G)	Amersham PHC.C1 (IL-136-S-219-S)	Promethium-147	500 millicuries
<b>Inactive Devices -- Electron Automation Systems, Inc. (Original Manufacturer)</b>				
B.14	Beta Gauge O-Frame and C-Frame	American Atomics 40057B or 40057D (AZ-806-S-119-U), or Amersham KAC.D1 (NR-136- S-196-S), or DuPont NER-585 (NR-476-S-101-S)	Krypton 85	500 millicuries
		Amersham SIF.D1 (IL-136-S-194-S), or 3M 3FIL (NR-460-S-921-S)	Strontium 90	20 millicuries
B.15	Profilograph Mark II SS	USRC LAB-323, or 3M 3E4S (NR-460-S-909-S)	Krypton 85	500 millicuries
		Amersham SIF.D1 (IL-136-S-194-S), or 3M 3FIL (NR-460-S-921-S)	Strontium 90	20 millicuries
<b>Inactive Devices -- Nucleonic Data Systems, Inc. (Original Manufacturer)</b>				
B.16A	Model 101-S45 (CA-514-D-101-G)	Amersham AMCK 599 (NR-136-S-117-U)	Americium 241	.15 millicuries
		Nukem Foil CuZr 20TB	Hydrogen 3	45 Curies

# Georgia Department of Natural Resources

## Radioactive Materials License

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#### Conditions (continued)

Device Model (SS&D certificate)		Sealed Source Model (SS&D certificate)	Isotope	Maximum Activity Per Device
<b>Inactive Devices -- Nucleonic Data Systems, Inc. (Original Manufacturer) (continued)</b>				
B.16B	Model 100B (CA-514-D-101-G)	Amersham AMC.D3 (IL-136-S-145-S), or AMCL (NR-136-S-135-S), or AMCX 735, XN14	Americium 241	30 millicuries
		Amersham AMCX 735, XN18	Americium 241	10 millicuries
		Amersham AMC.D2 (NR-136-S-154-S), or DuPont NER-478C (NR-476-S-108-S)	Americium 241	1 millicurie
		Amersham AMCK 599 (NR-136-S-117-U)	Americium 241	.15 millicuries
B.16C	Model 100C (CA-514-D-101-G)	Isotope Products PH-55 (CA-406-S-113-S)	Iron 55	20 millicuries
		Amersham AMC.D2 (NR-136-S-154-S), or DuPont NER-478C (NR-476-S-108-S)	Americium 241	1 millicurie
		Amersham AMCK 599 (NR-136-S-117-U)	Americium 241	.15 millicuries
B.16D	Model 200 (CA-514-D-101-G)	Amersham AMC 19 (NR-136-S-158-S), or DuPont NER-479C (NR-476-S-830-S)	Americium 241	1.5 Curies (no single source to exceed 1 Curie)
		Amersham AMC 18 (NR-136-S-158-S)	Americium 241	1 Curie (no single source to exceed 500 millicuries)
		Amersham AMCL (NR-136-S-135-S), or Amersham AMCX 735, XN16	Americium 241	100 millicuries
		Amersham AMC.D2 (NR-136-S-154-S), or DuPont NER-478C (NR-476-S-108-S)	Americium 241	1 millicurie
		Amersham AMC 19 (NR-136-S-158-S), or DuPont NER-479C (NR-476-S-830-S)	Americium 241	1 Curie
B.16E	Model 700 (CA-514-D-101-G)	Amersham AMC 18 (NR-136-S-158-S)	Americium 241	500 millicuries
		Amersham AMC.D3 (NR-136-S-145-S), or Amersham AMCL (NR-136-S-135-S), or DuPont NER-478 (NR-476-S-816-S)	Americium 241	30 millicuries

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## Radioactive Materials License

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#### Conditions (continued)

Device Model (SS&D certificate)		Sealed Source Model (SS&D certificate)	Isotope	Maximum Activity Per Device
<b>Inactive Devices -- Nucleonic Data Systems, Inc. (Original Manufacturer) (continued)</b>				
B.16E	Model 700 (CA-514-D-101-G)	Amersham AMC.D2 (NR-136-S-154-S), or DuPont NER-478C (NR-476-S-108-S)	Americium 241	1 millicurie
		Amersham AMCK 599 (NR-136-S-117-U)	Americium 241	.15 millicuries
B.17A	Model 8000G (CA-514-D-102-G)	Amersham AMC 19 (NR-136-S-158-S), or DuPont NER-479C (NR-476-S-830-S)	Americium 241	1 Curie
B.17B	Model 8000B (CA-514-D-102-G)	Amersham SIF.D1 (IL-136-S-194-S)	Strontium 90	100 millicuries
B.18	Thin-1 model 800G (CA-514-D-103-B)	Amersham AMC 19 (NR-136-S-158-S), or DuPont NER-479C (NR-476-S-830-S)	Americium 241	1 Curie

11. The licensee shall comply with the provisions of Georgia Department of Natural Resources Rule 391-3-17-.03, "Standards for Protection Against Radiation, Amended.", Rule 391-3-17-.06, "Transportation of Radioactive Material, Amended.", and Rule 391-3-17-.07, "Notices, Instructions and Reports to Workers: Inspections, Amended."
12. In accordance with DNR Board Policy adopted May 27, 1992 the fees associated with this license, fee category C.1, are:

Application fee	\$ 1300	Renewal fee	\$ 2300
Amendment fee	\$ 550	Routine Inspection fee	\$ 1000
Non-routine Inspection fee	\$ 2000	Annual fee	\$ 1500

Additionally, the fees associated with each device evaluation, fee category J.1, are:

Application fee	\$ 3300	Renewal fee	\$ 0
Amendment fee	\$ 1200	Routine Inspection fee	\$ 0
Non-routine Inspection fee	\$ 0	Annual fee	\$ 2100

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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License Number GA 458-3G

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#### Conditions (continued)

Checks for the fees should be made payable to the Department of Natural Resources, Radioactive Materials Program, and mailed to the following address:

Radioactive Materials Fees  
P.O. Box 101161  
Atlanta, GA 30392

Mail license applications, amendment, and renewal requests the same day as the check to the following address:

Radioactive Materials Program  
4244 International Parkway, Suite 114  
Atlanta, GA 30354

Inspection fees are payable upon receipt of each invoice from the Department following inspections. Annual fees are billed by the Department at the beginning of each fiscal year.

13. The Radiation Safety Officer in this program shall be Jack Ramsey.
14.
  - A. The handling of radioactive material under this license in the manufacture, installation, dismantling, relocation, and testing of devices shall be performed by, or under the supervision and in the physical presence of, Jack Ramsey, Cecilia Lugtu, individuals who have satisfactorily completed the course titled "Basic Radiation Course", or persons specifically authorized for such activities by the Department, the NRC or another Agreement State.
  - B. Radioactive material identified in items 6, 7, 8, and 9N shall be used by, or under the supervision of, individuals who have (1) successfully completed the manufacturer's training program or equivalent training program approved by the Department described in letter dated January 17, 2000, (2) received copies of the licensee's operating and emergency procedures, and (3) been designated by the Radiation Safety Officer.
  - C. Records/Certificates of training shall be maintained for Department inspection.
15. Except for maintaining labeling as required by 391-3-17.-03, the licensee shall obtain authorization from the Department before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the Sealed Source Registry issued either by the Department, an Agreement State or, the Nuclear Regulatory Commission.
16. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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#### Conditions (continued)

17. Sealed sources containing radioactive material shall not be opened by the licensee.
18. The licensee shall conduct a physical inventory every 6 months to account for all licensed material received and possessed under this license. The records of inventories shall be maintained for inspection by the Department and shall include the quantities and kinds of radioactive material, the manufacturer, model and serial number, location of sealed sources, and the date and name of the individual performing the inventory.
19. The licensee shall maintain a current utilization log which shall be kept available for inspection by the Department, for three years from the date of the recorded event, showing for each sealed source the following information:
  - A. A unique identification, such as a serial number, for each portable gauge in which a sealed source is located;
  - B. The identity of the individual to whom assigned;
  - C. Locations where used and dates of use; and
  - D. The date(s) each source is removed from storage and returned to storage.
20. The licensee shall notify the Radioactive Materials Program, Georgia Department of Natural Resources, of each operation conducted under the license at a location other than that specified in Item 2 above when such operation continues for more than 60 days. The licensee shall also notify this office upon cessation of such operation.
21.
  - A. The licensee shall perform required tests for leakage or contamination at intervals not to exceed six (6) months in accordance with Rule 391-3-17-.03(6). Analysis of the tests shall be performed by persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services.
  - B. The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been tested within six (6) months prior to the date of use or transfer. No sealed source shall be stored for a period of more than 5 years without being tested for leakage or contamination.
22. The licensee shall furnish to each general licensee to whom it transfers a generally licensed device a copy of Rule 391-3-17-.02(6)(c), Rule 391-3-17-.03(14)(a) and (b), and Rule 391-3-17-.01(4) thru (10) of Chapter 391-3-17, Georgia Rules and Regulations for Radioactive Materials.

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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#### Conditions (continued)

23.
  - A. Each device distributed under this license shall bear a durable, legible, and clearly visible label or labels approved by the Department containing information required by Rule 391-3-17-.02(11)(d)1.(iii).
  - B. 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, purple or black 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.
  - C. Each label required by this condition shall bear the statement, "Removal of this label is prohibited."
24. 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. The licensee shall furnish the customer with a written report of each leak test in units of microcuries ( $\mu\text{Ci}$ ) or becquerels (Bq). Devices containing only krypton-85 do not require testing for leakage and/or contamination.
25. No generally licensed device shall be installed by the licensee in such a manner or in any such location that any person could receive more than 0.5 Rem in a calendar year under ordinary circumstances of use.
26. After installation by the licensee of each device distributed to persons generally licensed pursuant to (6)(c) of Rule 391-3-17-.02, 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.
27. The licensee shall submit periodic transfer reports as specified in Rule .02(11)(d)4. of Chapter 391-3-17, Rules and Regulations for Radioactive Materials. Copies of all reports required by this condition shall be maintained subject to inspection by representatives of the Department.
28. All records or copies of records pertaining to Radioactive Material License GA. 458-3G shall be maintained by the Radiation Safety Office at the address listed in Items 1 and 2 of this license. These records shall include all supporting documentation for all device evaluations that have been issued by Metso Automation USA Inc., or its predecessors, including those that have been inactivated.
29. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material with a half-life greater than 120 days to quantities less than those specified in Rule 391-3-17-.02(8)(g)4. Exceeding quantities in .02(8)(g)4. requires the submittal of a financial assurance mechanism or a decommissioning funding plan.

# Georgia Department of Natural Resources

## Radioactive Materials License

### Supplementary Sheet

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#### Conditions (continued)


30. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with statements, representations, and procedures contained in the documents, including any enclosures listed below:
- A. Application dated August 14, 1998 and signed by James L. Hoey, Jr., Radiation Safety Officer.
  - B. Letter dated January 8, 1999 and signed by Chris van Laar, Controller.
  - C. Letter with enclosures dated February 17, 1999 and signed by James L. Hoey, Jr., Radiation Safety Officer.
  - D. Letter dated March 12, 1999 and signed by James L. Hoey, Jr., Radiation Safety Officer.
  - E. Letter with enclosures dated July 27, 1999 and signed by Jack Ramsey, P.E., Radiation Safety Officer.
  - F. Letter with enclosures dated January 17, 2000 and signed by Jack Ramsey, P.E., Radiation Safety Officer.
  - G. Letter dated October 17, 2000 and signed by Jack Ramsey, P.E., Radiation Safety Officer.
  - H. Letter dated February 21, 2001 and signed by Jack Ramsey, P.E., Radiation Safety Officer.

The Georgia Department of Natural Resources' regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the Regulations.

FOR THE DEPARTMENT OF NATURAL RESOURCES

Date: July 31, 2001

BY

  
Eric T. Jameson



# Georgia Radioactive Materials Program Financial Assurance Worksheet

July 28, 2000

License #	GA 458-3G, amend 41	Licensee	Metso Automation USA Inc.				
Isotope	Half- Life (show units)	Form Sealed? (Y or blank)	Total or per source	Licensed Quantity (Ci)	Decon Qty (uCi)	LQ/DQ (Ci/Ci)	LQ/DQ + 1E10 or 1E5
Am-241	432.2 yr	sealed	total	10	.01	1.000e+09	1.000e-01
Am-241	432.2 yr	sealed	total	.6	.01	60000000	6.000e-03
Am-241	432.2 yr	sealed	total	1E-6	.01	100	1.000e-08
Cs-137	30.07 yr	sealed	total	10E-6	10	1	1.000e-10
H-3	12.33 yr	foils	total	100	1000	100000	1.000e-05
Fe-55	2.73 yr	sealed	total	1	100	10000	1.000e-06
Fe-55	2.73 yr	sealed	total	.001	100	10	1.000e-09
Kr-85	10.77 yr	sealed	total	10	100	100000	1.000e-05
Kr-85	10.77 yr	sealed	total	10	100	100000	1.000e-05
Pm-147	2.62 yr	sealed	total	5	10	500000	5.000e-05
Pm-147	2.62 yr	sealed	total	1E-6	10	0.1	1.000e-11
Sr-90	28.78 yr	sealed	total	1	0.1	10000000	1.000e-03
Sr-90	28.78 yr	sealed	total	1	0.1	10000000	1.000e-03
Sr-90	28.78 yr	sealed	total	1E-6	0.1	10	1.000e-09
Totals						1.081e+09	1.081e-01

**NOTE:** amounts in the "licensed quantity" column reflect the possession limits in place on amendment 41. Assuming Metso possessed the maximum activity listed for each isotope, the combined activity is still only 10.8% the amount required before needing financial assurance. Based on the above table, the isotopes that contribute the largest fraction are Am-241 and Sr-90. Refer to Rule .02(8)(g) for additional information.

# **Georgia Department of Natural Resources**

4244 International Parkway, Suite 114, Atlanta, Georgia 30354

Lonice C. Barrett, Commissioner  
Environmental Protection Division  
Harold F. Reheis, Director  
(404) 362-2675

July 31, 2001

Mr. Jack Ramsey, P.E.  
Metso Automation USA Inc.  
3100 Medlock Bridge Road  
Suite 250  
Norcross, Georgia 30071

Dear Mr. Ramsey:

In accordance with discussions during the inspection performed on July 26, 2001, your Georgia Radioactive Material License No. GA 458-3G has been administratively amended in its entirety. Enclosed is Amendment Number .42, which provides for more "open-ended" possession limits on sealed sources and also adds a standard condition pertaining to the need to monitor total inventory so as to not require the submittal of a financial assurance plan.

Please read this license thoroughly upon receipt. If you should have any questions concerning the license, please contact me via telephone at (404) 362-2675, or via electronic mail at [ejameson@mail.dnr.state.ga.us](mailto:ejameson@mail.dnr.state.ga.us).

Sincerely,



Eric T. Jameson  
Environmental Radiation Specialist  
Radioactive Materials Program

Enclosure