



Georgia Department of Human Resources
Radiological Health Service
RADIOACTIVE MATERIAL LICENSE

Pursuant to the Georgia Radiation Control Act No. 936 (H. B. 162) 1964 and the Georgia Department of Public Health Rules and Regulations, designated Chapter 270-5-20, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such license 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 Human Resources and orders of the Radiological Health Service, now or hereafter in effect and to any conditions specified below.

License (1. Name and 2. Address) Sentrol Systems, Inc. Suite 222 Cosmopolitan Center 6055 Barfield Road Atlanta, Georgia 30328		3. License Number GA. 458-3G
		4. Expiration Date March 31, 1981
		5. Reference Number
6. Radioactive Material (Element and Mass Number)	7. Chemical and/or Physical Form	8. Maximum quantity licensee may possess at any one time
A. Strontium 90	A. Sealed Sources	A. Not applicable
B. Krypton 85	B. Sealed Sources	B. Not applicable
9. Authorized Use A. and B. The licensee is authorized to manufacture and to distribute the devices listed in Condition 10 of this license to persons generally licensed pursuant to Part 2.4, Section C., Paragraph 2. of Georgia Department of Human Resources Rule 290-5-23-.02 or equivalent provisions of the regulations of any Agreement State or the U.S. Nuclear Regulatory Commission; and to install, dismantle, relocate, maintain, service and test such devices at customer facilities.		
10. Conditions The following table lists the equipment which Sentrol Systems, Inc., may distribute pursuant to the terms and conditions of this license. Column 1 lists the devices by model numbers and Column 2 lists the sealed source model which may be used in the gauges and the isotope and maximum quantity which may be contained in the particular sealed source. No gauge distributed pursuant to the license shall produce radiation levels greater than 5 milliroentgens per hour at 12" from any accessible surface of the gauge when the shutter is in the closed position.		
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CONDITIONS (Continued)

10. (Continued)

<u>Gauge Model</u>	<u>Sealed Source Model, Isotope and Quantity Contained in Source</u>		
TB-1	3M 3FIL	Strontium 90	20 millicuries
TB-1	AAC 40057B	Krypton 85	500 millicuries

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

1. "Receipt, possession, use, and transfer of this device are subject to a general license or equivalent and regulations of the U. S. Nuclear Regulatory Commission or an Agreement State."
2. "Abandonment or disposal prohibited unless transferred to persons specifically licensed by the Nuclear Regulatory Commission or an Agreement State."
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 the Nuclear Regulatory Commission or an Agreement State."
5. "Device shall be tested for leakage of radioactive material and proper functioning of the ON-OFF mechanism and indicator, if any, at intervals not to exceed six (6) months."
(On devices which contain only Krypton 85, the statement may be changed to read, "Device shall be tested for proper functioning of the ON-OFF mechanism and indicator at intervals not to exceed six months.")

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 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.

C. Each label required by this condition shall bear the statement, "Removal of this label is prohibited."

FOR THE GEORGIA DEPARTMENT OF HUMAN RESOURCES

ORIGINAL SIGNED BY

ANDREJS SIMANIS

DATE March 24, 1976

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CONDITIONS (Continued)

12. No generally licensed device shall be installed by the licensee in such a manner or in such a location that any person could receive more than 0.5 rem in a calendar year under ordinary circumstances of use.
13. The licensee shall report all transfers of radioactive material under this license. Reports shall be filed with the agency having regulating responsibility for radioactive material at the generally licensed recipient's address within 30 days after the end of each calendar quarter in which such transfer has occurred. These reports shall identify each general licensee by name and address, the type of device transferred, and the quantity and type of radioactive material contained in the device. Copies of all reports required by this condition shall be maintained subject to inspection by representatives of the Department.
14. The licensee shall comply with the provisions of Georgia Department of Human Resources Rule 290-5-23-.03, "Standards for Protection Against Radiation."
15. After installation by the licensee of each device distributed to persons generally licensed pursuant to Part 2.4, Section C., Paragraph 2 of Georgia Department of Human Resources Rule 290-5-23-.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.
16. 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.
17. The handling of radioactive material under this license in the installation, dismantling, relocation, and testing of devices shall be performed by G. J. Leighton, H. Laverie, C. Goodsole, C. Birmingham and individuals who have satisfactorily completed the course entitled, "Basic Radiation Course" as described in the application dated June 30, 1975 and signed by G. J. Leighton.
18. Except as specifically provided otherwise by this license, gauges distributed under this license shall be manufactured, tested, labeled, and installed in accordance with the provisions of this license, and the statements, representations, procedures and specifications contained in:
 - A. Application with enclosures dated June 30, 1975; letter with enclosures dated July 8, 1975; letter with enclosures dated November 19, 1975; and letter with enclosures dated February 27, 1976, all signed by G. J. Leighton.

FOR THE GEORGIA DEPARTMENT OF HUMAN RESOURCES

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CONDITIONS (Continued)

18. (Continued)

B. Licensee's drawings consisting of Numbers:

417-019-004R	D417-012-250	D417-019-088
D417-012-253	D417-016-082	D417-019-060
417-002-012A	D432-016-011	417-007-011A
D417-019-056	D432-017-007	417-017-147
432-093-281	D432-016-010	417-007-014
417-013-070B	D432-018-071	D417-012-251
417-049-099	D417-012-317	D417-012-254
417-002-198	D417-012-264	D417-003-558
D417-012-252	D417-012-383	417-018-003A
D417-016-083	D432-018-072	417-003-037A
D417-019-059	417-012-657	417-018-004A
417-019-061	D417-003-578	319-003-414
		319-003-413

19. The licensee shall furnish to each general licensee to whom it transfers a generally licensed device a copy of the general license contained in Part 2.4, Section C., Paragraph 2. of Georgia Department of Human Resources Rule 290-5-23-.02.

DATE March 24, 1976

FOR THE GEORGIA DEPARTMENT OF HUMAN RESOURCES
ANDREJS SIMANIS

BY _____