

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

HAYES TESTING LABORATORY INC
2521 HOLLOWAY ROAD
LOUISVILLE, KY 40299

ATTENTION: DANIEL J. HAYES, PRESIDENT
TELEPHONE: 502-266-9729

PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN
RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS
AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS
HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER
RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE
MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW.
THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND
ORDERS OF THE CABINET FOR HUMAN RESOURCES, NOW OR HEREINAFTER IN
EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-168-05
AMENDMENT NO. 48
4. EXPIRATION DATE: JULY 31, 2001
5. REVIEWER: 34

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. IRIDIUM 192	A. SEALED SOURCE (AMERSHAM MODEL A 424-9)	A. NO SINGLE SOURCE TO EXCEED 120 CURIES
B. COBALT 60	B. SEALED SOURCE (AMERSHAM MODEL A-424-14 OR 943)	B. NO SINGLE SOURCE TO EXCEED 110 CURIES

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9. AUTHORIZED USE

- A. TO BE USED IN AMERSHAM 660B PROJECTOR, AND AMERSHAM MODEL 650L SOURCE CHANGER.
- B. TO BE USED FOR INDUSTRIAL RADIOGRAPHY PROCEDURES IN AMERSHAM MODEL 680B EXPOSURE DEVICES.

CONDITIONS:

- 10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HUMAN RESOURCES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.
- 11. RADIOACTIVE MATERIAL MAY BE STORED AT:
2521 HOLLOWAY ROAD, LOUISVILLE, KENTUCKY.
- 12. RADIOACTIVE MATERIAL SHALL BE USED ONLY AT TEMPORARY JOB SITES OF THE LICENSEE ANYWHERE IN THE COMMONWEALTH OF KENTUCKY WHERE THE CABINET MAINTAINS JURISDICTION FOR REGULATING THE USE OF RADIOACTIVE MATERIAL.
- 13. THE INDIVIDUALS LISTED BELOW ARE THE ONLY PERSONS AUTHORIZED BY THIS LICENSE TO ACT AS RADIOGRAPHERS OR RADIOGRAPHERS' ASSISTANTS AS DEFINED IN 902 KAR 100:010.
 - A. RADIOGRAPHERS:
 - 1. CHARLES A. BARNES
 - 2. TIMOTHY BORDERS
 - 3. WILLIAM FOWLER
 - 4. DANIEL J. HAYES
 - 5. DANIEL J. HAYES JR.
 - 6. RAYMOND TEODORSKI
 - 7. ROLAN COLEMAN, JR.
 - B. RADIOGRAPHER'S ASSISTANTS:
 - 1. CHRISTOPHER M. YATES
- 14. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS DANIEL HAYES .
- 15. SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL SHALL NOT BE OPENED.

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16. THE LICENSEE SHALL CONDUCT A QUARTERLY PHYSICAL INVENTORY 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 CABINET, AND SHALL INCLUDE THE QUANTITIES AND KINDS OF RADIOACTIVE MATERIAL, MANUFACTURER, LOCATION OF SEALED SOURCES, THE DATE OF THE INVENTORY, AND NAME OF THE INDIVIDUAL CONDUCTING THE INVENTORY.
17. NOTWITHSTANDING THE REQUIREMENTS OF 902 KAR 100:100, SECTION 1 (1), AND PURSUANT TO 902 KAR 100:015, SECTION 7(1), RADIOGRAPHIC EQUIPMENT AUTHORIZED FOR USE IN RADIOGRAPHIC OPERATIONS UNDER THIS LICENSE NEED NOT COMPLY WITH THE TORQUE CRITERIA OF SECTION 6.3.3.1. OF AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) N43.9 - 1991.
18. THE LICENSEE IS AUTHORIZED TO RECEIVE, POSSESS, AND USE SEALED SOURCES OF IRIIDIUM-192 OR COBALT-60 WHERE THE RADIOACTIVITY EXCEEDS THE MAXIMUM AMOUNT OF RADIOACTIVITY SPECIFIED IN ITEM 8 OF THIS LICENSE PROVIDED:
 - A. SUCH POSSESSION DOES NOT EXCEED THE QUANTITY PER SOURCE SPECIFIED IN ITEM 8 BY MORE THAN 20% FOR IRIIDIUM-192 OR OR 10% FOR COBALT-60.
 - B. RECORDS OF THE LICENSEE SHOW THAT NO MORE THAN THE MAXIMUM AMOUNT OF RADIOACTIVITY PER SOURCE SPECIFIED IN ITEM 8 OF THE LICENSE WAS ORDERED FROM THE SUPPLIER OR TRANSFEROR OF THE RADIOACTIVE MATERIAL; AND
 - C. THE LEVELS OF RADIATION FOR RADIOGRAPHIC EXPOSURE DEVICES AND STORAGE CONTAINERS DO NOT EXCEED THOSE SPECIFIED IN IN 902 KAR 100:100, SECTION 2.
19. PURSUANT TO 902 KAR 100, THE LICENSEE IS AUTHORIZED TO RECEIVE TITLE TO, POSSESS, USE, AND TRANSFER UP TO 999 KILOGRAMS OF URANIUM CONTAINED AS SHIELDING MATERIAL IN THE RADIOGRAPHY EXPOSURE DEVICES AND SOURCE CHANGERS AUTHORIZED BY THIS LICENSE.
20. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.

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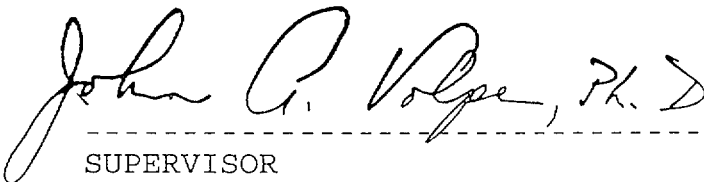
21. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE IN THIS LICENSE, THE LICENSEE SHALL CONDUCT ITS PROGRAM IN ACCORDANCE WITH THE STATEMENTS, REPRESENTATIONS, AND PROCEDURES CONTAINED IN THE DOCUMENTS, INCLUDING ANY ENCLOSURES, LISTED BELOW. THE CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, SHALL GOVERN UNLESS STATEMENTS, REPRESENTATIONS, AND PROCEDURES IN THE LICENSEE'S APPLICATION AND CORRESPONDENCE ARE MORE RESTRICTIVE THAN THE REGULATION.

A. APPLICATION DATED AUGUST 14, 1996, SIGNED BY DANIEL J. HAYES, SR., PRESIDENT.

B. HAYES TESTING LABORATORY, INC. INDUSTRIAL RADIOGRAPHY RADIATION SAFETY MANUAL REVISED AUGUST, 1996.

C. LETTERS DATED:

1. AUGUST 14, 1996, SIGNED BY DANIEL J. HAYES, PRESIDENT.
2. OCTOBER 4, 1996, SIGNED BY DANIEL J. HAYES, SR., PRESIDENT.
3. OCTOBER 17, 1997, SIGNED BY DANIEL J. HAYES, SR., PRESIDENT.
4. AUGUST 25, 1998, SIGNED BY DANIEL J. HAYES, SR., PRESIDENT.



SUPERVISOR

RADIATION HEALTH & TOXIC
AGENTS BRANCH

JIMMY D. HELTON

SECRETARY
CABINET FOR HEALTH SERVICES

DATE ISSUED JUNE 14, 2000