

STATE OF WASHINGTON RADIOACTIVE MATERIALS LICENSE



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Pursuant to the Nuclear Energy and Radiation Control Act, RCW 70.98, and the Radiation Control Regulations, chapters 246-220 through 246-235 WAC, 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 promulgated by the State of Washington Department of Health.

1. Licensee Name: <p style="text-align: center;">JAMCO AMERICA, INC.</p>	3. License Number: <p style="text-align: center;">WN-10402-1 (RENEWAL) AMENDMENT NO. 7</p>
2. Address: <p style="text-align: center;">1018 80th Street Southwest Everett, Washington 98203</p>	4. Expiration Date: <p style="text-align: center;">31 October 2009</p> <hr/> 5. Reference Number(s): <p style="text-align: center;">03-10-46; 04-05-27; 04-10-42 Fee Code: 8</p>

6. Radioactive Material
(element and mass number).

7. Chemical and/or Physical Form.

8. Maximum quantity licensee may possess
at any one time.

A. Americium 241.

A. Sealed source (Amersham/Radio
Chemical Center Model AMM-
1001).

A. No single source to exceed
0.7 microcurie
(25.9 kilobecquerels)
1500 sources total.

CONDITIONS

9. Authorized use.

A. Receipt of smoke detectors (as near complete units). Inclusion of smoke detector units into smoke detector systems. Installation of smoke detectors and systems into aircraft lavatories. Testing, cleaning, repair, and storage of smoke detectors and systems. Distribution of smoke detectors and systems as authorized by U.S. Nuclear Regulatory Commission requirements.

10. Radioactive material shall be stored and/or used at 1018 80th Street Southwest, Everett, Washington.

11. The licensee shall comply with the provisions of chapter 246-220 WAC, "Radiation Protection -- General Provisions"; chapter 246-221 WAC, "Radiation Protection Standards"; chapter 246-222 WAC, "Radiation Protection -- Worker Rights"; chapter 246-235 WAC, "Radioactive Materials -- Specific Licenses"; chapter 246-247 WAC, "Radiation Protection -- Air Emissions"; and chapter 246-233 WAC, "Radioactive Materials -- General Licenses".

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12. The Radiation Safety Officer for this program shall be Billie Jo Siemering.
13. Radioactive materials shall be used by, or under the supervision of Chuck Camatti, Barry Hilbert, Tracy Walrath, or Billie Jo Siemering.
14. The licensee shall maintain a utilization/transfer log for each detector at 1018 80th Street Southwest, Everett, Washington. The utilization/transfer log shall include, but not be limited to, dates of receipt and distribution, location within the facility, authorized individual controlling the detector and each detectors final disposition.
15. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
16. The licensee's emergency procedures shall conform to procedures outlined in the Washington State Radiation Emergency Handbook revised November 1991 or subsequent revisions, or other procedures specifically approved by License Condition.
17. The transport of licensed material by the licensee, or the delivery of licensed material to a carrier for transport, shall be in accordance with WAC 246-232-090, "Transportation".
18. The licensee shall instruct all users that any maintenance or repair (except the cleaning and repair procedures described in letter and attachment dated May 17, 2004) on the detectors involving removal of the source holders shall be performed only by the device manufacturer or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State (for NARM only) to perform such services.
19. The licensee shall conduct a physical inventory every three (3) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for inspection by the department, and shall include the quantities and kinds of radioactive material, location of sealed sources, the date of the inventory, and the name of the individual performing the inventory.
20. Replacement and disposal of devices containing sealed sources, or radioactive material used in devices described in this license, shall be performed only by persons specifically authorized to perform these services.

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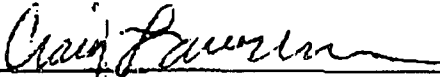
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21. Except as specifically provided by this license, the licensee shall possess and use radioactive material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in the documents listed below. The department's "Rules and Regulations for Radiation Protection" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.
- A. Application and attachments dated October 30, 2003.
 - B. Letter and attachments dated May 17, 2004; RE: Additional renewal information.
 - C. Email information October 15, 2004; RE: Additional renewal information.

FOR THE STATE OF WASHINGTON DEPARTMENT OF HEALTH

Date October 27, 2004

By: 
Craig Lawrence
Radioactive Materials Licensing