

STATE OF OREGON
OREGON STATE HEALTH DIVISION
DEPARTMENT OF HUMAN SERVICES
RADIOACTIVE MATERIALS LICENSE

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License No. ORE-90941
Amendment Number 4

In accordance with the Radiation Control Act and the Oregon Rules for the Control of Radiation, 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, regulations, and orders now or hereafter in effect of the State Health Division and to any and all conditions specified below.

In accordance with E-mail correspondence dated February 5, 2002 and facsimile document dated February 7, 2002, Oregon Radioactive Material License ORE-90941 is amended to read as follows:

1. Name Met One Instruments, Inc.	3. License Number ORE-90941
2. Address 1600 NW Washington Boulevard Grants Pass, Oregon 97526	4. Expiration Date August 31, 2005
	3. Reference Number Priority 3/Program Code 03214 Manufacturing & Distribution

6. Radioactive materials (element and mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
A. Carbon-14	A. AEA Technology Drawing No. VZ623 sealed source as BaCO3 foil	A. No single source to exceed 2.775 megabequerels (75 microcuries) for E-BAM devices. Total possession quantity not to exceed 185 megabequerels (5 millicuries). [Nominal activity = 2.22 Mbq/source]
B. Carbon-14	B. AEA Technology Drawing No. VZ623 sealed source as BaCO3 foil	B. One single source at nominal activity of 2.22 Megabequerels (60 microcuries) NIST (+/- 3%)
C. Carbon-14	C. AEA Technology Drawing No. VZ623 sealed source as BaCO3 foil	C. One single source at nominal activity of 2.96 Megabequerels (80 microcuries) NIST (+/- 3%)

9. Authorized use:

- A. For possession and use of sources listed in items 6.A., 7.A., and 8.A. above to be installed in Met One Instruments, Inc. Model BAM-1020 and E-BAM devices during manufacturing process and quality control testing for the production of air quality monitoring devices.
- B. and C. For Quality Assurance and Research & Development testing for production of air quality monitoring devices.

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CONDITIONS

10. This license authorizes storage of licensed sources and devices at the licensee's facility located at 1600 Washington Boulevard, Grants Pass, Oregon 97526. This license also authorizes transport of licensed devices to a specific licensee's facility for demonstration or transfer, or use of licensed devices at temporary job sites for demonstration purposes only.
 11. This license is subject to and void without an annual validation certificate. Insofar as the licensee has submitted the proper fee prior to the expiration of a validation certificate, such existing validation certificate shall not expire until the issuance of a new validation certificate for the then current fiscal year.
 12. The Radiation Safety Officer for the activities authorized by this license is John Armstrong.
 13. Licensed devices may only be transported or demonstrated by trained personnel designated by the Radiation Safety Officer. Records of Radiation Safety training shall be maintained by the licensee for review by Division inspection personnel.
 14. The licensee shall ensure that each device transferred under this license is tested for leakage or contamination prior to transfer, pursuant to OAR 333-120-460, and that each device meets all safety requirements of the manufacturer, pursuant to manufacturer's safety directives, prior to receipt by the specific licensee.
 15. Insofar as the licensee restricts the possession of radioactive material to quantities below the minimum limit specified in Appendix B of 10 CFR 30.35, the licensee is not required to provide financial assurance pursuant to OAR 333-102-200(6).
 16. The licensee shall report all transfers of devices to persons authorized by specific license in OAR 333-102-200 or equivalent regulations of the U.S. Nuclear Regulatory Commission or an Agreement State to: Manager, Radioactive Materials Program, 800 NE Oregon Street, Suite 260, Portland, Oregon 97232. The report shall identify each specific licensee by name and address, the type of device transferred, the leak test and safety check date, and the quantity and type of licensed material contained in the device. The report shall be submitted within thirty (30) days after the end of each calendar year quarter in which any such device is transferred to a specific licensee.
 17. The Licensee shall comply with provisions of OAR 333-102-305(9) (NRC sealed source & device registration), 333-102-305(11) (6-month inventory), 333-102-305(12) (U.S. D.O.T. transportation regulations), 333-102-305(13) (inspection of sources every 6 months), 333-102-305(14) (prohibition to open sources), 333-102-305(15) (prohibition to repair devices), and 333-102-305(18) (leak testing sealed sources), "Terms and Conditions of Licenses".
- This license prohibits any maintenance or calibration of devices unless specifically certified and authorized by the manufacturer in writing. Maintenance or calibration of devices may only be performed pursuant to manufacturer's written specific procedures.

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CONDITIONS (cont.)

19. Any licensee authorized and certified by the manufacturer to perform maintenance and calibration of devices shall have the manufacturer's certification and authorization documentation at any site where materials or devices are being serviced or where device calibration or maintenance is being performed.
20. The Licensee is required to prepare and file an annual report per OAR 333-102-245(2) for each year ending June 30th. This report shall be filed with the Agency by August 1st of each year.
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 Oregon Rules for the Control of Radiation shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated July 19, 2000, signed by Thomas Pottberg, President.
 - B. Facsimile document dated August 4, 2000, sent by David Gobeli, Ph.D. (Add NIST sources)
 - C. Facsimile document dated August 4, 2000, sent by David Gobeli, Ph.D. (Amend Activity ~100 uCi)
 - D. Facsimile document dated August 7, 2000, signed by David Gobeli, Ph.D. (Copy of Draft NRC Form 313 + Draft application for exempt distribution without appendices)
 - E. Letter dated September 11, 2000, signed by James Cornish.
 - F. Facsimile document dated November 27, 2000, signed by John Armstrong.
 - G. Facsimile document dated July 10, 2001, signed by Steve D. Estrada.
 - H. Letter dated July 18, 2001, signed by Ron Siebert, Tom Pottberg, and John Armstrong.
 - I. E-mail correspondence dated July 20, 2001, from Ron Siebert.
 - J. E-mail correspondence dated February 5, 2002, from Ron Siebert.
 - K. Facsimile document dated February 7, 2002, from Ron Siebert.

Date March 15, 2002

FOR DHS HEALTH SERVICES

By


Terry D. Lindsey, Manager
Radiation Protection Services