

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. INFICON Inc.</p> <p>2. 373 Route 46West Building E, 1<sup>st</sup> Floor Fairfield, New Jersey 07004</p>	<p>In accordance with the letter dated May 7, 2003,</p> <p>3. License number 29-20512-02G is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2011</p> <p>5. Docket No. 030-32141 Reference No.</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Hydrogen 3	A. See Condition 10	A. Not applicable
B. Nickel 63	B. See Condition 10	B. Not applicable

## 9. Authorized use:

- A. and B. Pursuant to 10 CFR 32.57, the licensee is authorized to distribute the devices containing licensed material as specified in Condition 10 of this license, to persons generally licensed pursuant to 10 CFR 31.5 or the equivalent provisions of the regulations of any Agreement State.

**CONDITIONS**

10. Each device distributed pursuant to the terms and conditions of this license shall be in accordance with the following table:

<u>Device Model</u>	<u>Isotope</u>	<u>Maximum Activity Per Source or Foil</u>
50319 Series electron capture detector	Hydrogen 3	150 millicuries
50319 Series electron capture detector	Nickel 63	15 millicuries

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SUPPLEMENTARY SHEET**License Number  
29-20512-02GDocket or Reference Number  
030-32141

Amendment No. 5

11. The licensee may distribute material from facilities located at 373 Route 46 West, Building E, 1<sup>st</sup> Floor, Fairfield, New Jersey.
12. The Radiation Safety Officer for this license is Amos Linenberg, Ph.D.
13. This license does not authorize possession or use of licensed material.
14. Any proposed changes in packaging, labeling, shielding, or instructions for use and storage shall be submitted for review to the Nuclear Materials Safety Branch, U.S. Nuclear Regulatory Commission, Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406 and approval of the changes shall be received by the licensee prior to implementing the changes.
15. 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 U. S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Letter dated February 4, 1991
  - B. Letter dated April 30, 1991
  - C. Letter dated July 2, 1991
  - D. Letter dated November 22, 1991
  - E. Letter dated September 16, 1992
  - F. Letter dated May 7, 2003

For the U.S. Nuclear Regulatory Commission

Date June 16, 2003

By

***Original signed by Kathy Dolce Modes***Kathy Dolce Modes  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406