

OHIO DEPARTMENT OF HEALTH
LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE 1. NCS Corporation 2. 1385 W. Goodale Boulevard Columbus, OH 43212	LICENSE NUMBER 3. 03123250035 <hr/> EXPIRATION DATE 4. March 1, 2018 <hr/> FILE NUMBER - ID NUMBER 5. 500279-5848
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| 6. RADIOACTIVE MATERIAL

A. Hydrogen-3

B. Iodine-131

C. Any radioactive material listed in OAC 3701:1-38-18 Appendix A | 7. CHEMICAL AND/OR PHYSICAL FORM

A. Foil source (Contained in Lagus Applied Technology, Inc. Detector Cell Model 200-EC)

B. Any

C. Any | 8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE

A. No single cell to exceed 11.1 GBq (300 mCi).

B. 185 MBq (5 mCi).

C. Ten times quantities listed in OAC 3701:1-38-18 Appendix A. |
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9. Authorized Use
- A. To be used in gas chromatographs for air sample analysis.
 - B. For use in laboratory testing of nuclear grade activated carbon for radiolodine penetration in accordance with ASTM D3803-89 and NCS Procedure 178.
 - C. Trace contaminants contained in carbon samples and equipment.

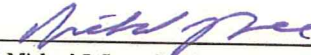
CONDITIONS

- 10. Licensed material may only be used at the licensee's facilities located at:
 - A. 1385 W. Goodale Boulevard, Columbus, Ohio 43212
 - B. Licensed material listed in Item 6.C. may also be used at temporary job sites in the State of Ohio.
- 11. The Radiation Safety Officer for this license is:
 - A. John R. Pearson
- 12. Licensed material shall be used by, or under the supervision of, John R. Pearson, Charles C. Myers, John R. Hunt, or Kevin M. Fleming.
- 13. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
- 14. Maintenance, repair, cleaning, replacement, and disposal of foils contained in detector cells shall be performed only by the device manufacturer or other persons specifically licensed by Director, NRC or an Agreement State to perform such services.
- 15. The licensee shall conduct a physical inventory every 6 months to account for all licensed material received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of the sources and/or devices, and the date of the inventory.
- 16. Except as otherwise specified in this license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for the chromatography device.

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	Amendment No. 4

17. Licensed material shall not be used in or on human beings.
18. The licensee may transport licensed material in accordance with the provisions of *OAC 3701:1-50*.
19. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in *OAC 3701:1-40-17* for establishing decommissioning financial assurance.
20. The licensee is authorized to dispose of licensed radioactive material only in accordance with *OAC 3701:1-38-19*.
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 Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. *Renewal application dated January 29, 2013; Amendment 4 renews license number 03123250035 in its entirety.*

For the Ohio Department of Health

DATE: 3/29/13 BY: 
 Michael J. Snee, Chief
 Bureau of Radiation Protection
 on behalf of the Director of Health