NRC FORM 374

Amendment No. 09

U.S. NUCLEAR REGULATORY COMMISSION

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.

Licensee	In accordance with the application dated March 26, 2014,
1. Maryland Q. C. Laboratories, Inc. dba MQC Labs, Inc.	3. License number 19-28683-01 is amended in its entirety to read as follows:
2. 1550 S. Philadelphia Blvd. Aberdeen, Maryland 21001	4. Expiration date November 30, 2022
	5. Docket No. 030-32529 Reference No.

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

Confidential

9. Authorized use:

A. For use in AEA Technologies QSA Model 773 instrument calibrator for calibration of the licensee's survey instruments and dosimetry equipment as required by 10 CFR Part 34.
B. Industrial radiography and replacement of sources.
C. Shielding for radiographic equipment.

MATERIALS LICENSE SUPPLEMENTARY SHEET

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CONDITIONS

10. Sealed sources, exposure devices, and source changers authorized for use are as follows:

Isotope	Manufacturer & Model No. of Source Assemblies	Maximum Activity per Source	Manufacturer & Model No. of Exposure Devices	Manufacturer & Model No. of Source Changers

Confidential

ABBREVIATIONS USED IN LICENSE: AEA Technologies (AEA); QSA, Inc. (formerly Amersham); Sentinel QSA, (formerly Technical Operations).

11. Licensed material may be used and stored only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

    If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

12. Licensed material shall be used by, or under the supervision and in the physical presence of individuals who have been designated in writing by the Radiation Safety Officer and have been trained:

    A. As specified in the letter dated October 24, 2012; and

    B. In accordance with the provisions of 10 CFR 34.43.

13. The Radiation Safety Officer for this license is Jennifer S. Fabie.

14. Notwithstanding the periodic leak test required by 10 CFR 34.27(c)(1) and (e), the requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 3 years without being tested for leakage and/or contamination.

15. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.

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16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

17. 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 October 24, 2012 (except O&E procedures) (ML12312A381)
B. Letter dated February 18, 2013 (ML13057A290)
C. Letter dated December 2, 2013 (ML13361A064)
D. Application dated March 26, 2014 (ML14097A412)

For the U.S. Nuclear Regulatory Commission

Date April 14, 2014

By ***Original signed by Scott Wilson***

Scott Wilson
Commercial, Industrial, R&D and Academic Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406
Monday, April 14, 2014 14:54:58