

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 03

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 [] [] 1. Ideal Source Quality Assurance, LLC [] [] 2. 1309 Overhill Ct. [] [] Columbia, Missouri 65203 [] []	In accordance with letter dated July 7, 2011 [] 3. License number 24-32675-02E is amended in its entirety to read as follows: [] 4. Expiration date November 30, 2017 [] 5. Docket No. 030-37567 [] Reference No. []
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6. Byproduct, source, and/or special nuclear material A. Any byproduct material with Atomic Nos. 3 through 92 []	7. Chemical and/or physical form A. Irradiated processed topaz gemstones and diamonds []	8. Maximum amount that licensee may possess at any one time under this license A. Not applicable (see License Condition 10) []
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9. Authorized use:
 A. Pursuant to Section 32.11, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; the licensee is authorized to distribute processed topaz and diamonds containing byproduct materials as listed in License Conditions 6 and 7, not to exceed concentrations as specified in 10 CFR 30.70, Schedule A, to persons exempt from licensing pursuant to Section 30.14, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

- 10. This license does not authorize possession or use of licensed material.
- 11. Licensed material shall be distributed only from the licensee's facility located at Building 4, Suite 201, 409 Vandiver, Columbia, Missouri.
- 12. The licensee shall submit periodic material transfer reports as specified in Section 32.12, 10 CFR Part 32.
- 13. The licensee shall not accept any material unless it is accompanied by a certificate indicating that the material has been analyzed and found to contain less than exempt concentrations as specified in Sections 30.14 and 30.70, 10 CFR Part 30. The licensee shall verify that the measurement process was adequate to measure radioactivity below exempt concentrations.
- 14. Notwithstanding the requirements of Section 32.11(c) of 10 CFR Part 32, the licensee may distribute processed topaz for the purpose of being worn by human beings.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

24-32675-02E

Docket or Reference Number

030-37567

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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 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. Applications dated July 13, 2007, and October 18, 2007;
- B. Email dated September 18, 2007;
- C. Email dated September 29, 2007;
- D. Email dated July 7, 2011;
- E. Email dated December 14, 2011;
- F. Email dated February 21, 2012;
- G. Email dated April 17, 2012; and
- H. Email dated April 19, 2012; and
- I. Email dated April 24, 2012.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date May 10, 2012

Signed by: /RA/

Richard K. Struckmeyer
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555