

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Ideal Source Quality Assurance c/o William Yelon, Ph.D. 1309 Overhill Ct. Columbia, MO 65203 REPORT NUMBER(S)		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-37555	4. LICENSEE NUMBER(S) 24-32675-01	5. DATE(S) OF INSPECTION August 28, 2008	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Robert P. Hays		8/28/2008

SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE

Ideal Source Quality AssuranceREPORT
NUMBER(S) **2008-001**

2. NRC/REGIONAL OFFICE

Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532

3. DOCKET NUMBER(S)

030-37555

4. LICENSE NUMBER(S)

24-32675-01

5. DATE(S) OF INSPECTION

August 28, 2008

6. INSPECTION PROCEDURES USED

87126 (9/28/2005))

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03620

2. PRIORITY

5

3. LICENSEE CONTACT

Bill Yelon, RSO

4. TELEPHONE NUMBER

573-529-6820

Main Office Inspection

Next Inspection Date: **August 2013**

Field Office _____

Temporary Job Site
Inspection _____

PROGRAM SCOPE

The licensee is a small distribution business authorized by the license to possess irradiated topaz gemstones for quality assurance and control testing to verify that isotope activity limits are below exempt concentrations specified in 10 CFR 30.70, prior to distribution to members of the public. The gemstones are imported as limited quantity shipments from a reactor facility in Poland. At the time of the inspection only one individual was involved with licensed activities.

Performance Observations

During the inspection, the licensee's AU demonstrated/discussed: (1) removable contamination surveys; (2) package receipt, and handling procedures; (3) security and storage of licensed material; (4) inventory of isotopes vs. license limits; (5) testing/counting results to verify exempt concentrations; and (6) transfer and shipping procedures.