

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED

Ideal Source Quality Assurance, LLC
1309 Overhill Ct.
Columbia, MO 65203

REPORT NUMBER(S) 2018001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-37555, 030-37567

4. LICENSE NUMBER(S)

24-32675-01, 24-32675-02E

5. DATE(S) OF INSPECTION

September 18, 2018 to
January 1, 2019

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, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

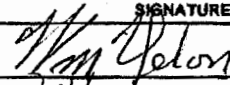

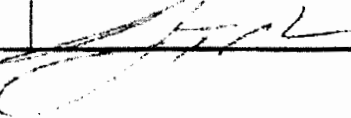
(Violations and Corrective Actions)

1) Contrary to Title 10 of the Code of Federal Regulations (CFR) 32.20(d)(1), from 2014 to September 18, 2018, the licensee failed to file the report, covering the preceding calendar year, on or before January 31 of each year. Specifically, the licensee failed to file the report for 2017 and failed to file the report on or before January 31 of the following year for Years 2014, 2015, and 2016.

The cause of the violation was an oversight on the part of the licensee. As corrective action, the licensee will rely on an electronic calendar to serve as a reminder to file the annual exempt distribution report on time.

Statement of Corrective Actions

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	William Helon		2/4/19
NRC INSPECTOR	Luis Nieves Folch		1/24/19
BRANCH CHIEF	Aaron T. McCraw		1/24/19

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(Continued)

2) Contrary to Title 10 of the Code of Federal Regulations (CFR) 20.1101(c), from 2014 to September 18, 2018, the licensee failed to periodically (at least annually) review the radiation protection program content and implementation.

The cause of the violation was the licensee's lack of awareness of this requirement. As corrective action, the licensee will rely on an electronic calendar to remind him to perform adequate audits of his program every year.

Docket File Information

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6. INSPECTION PROCEDURES USED

87126

7. INSPECTION FOCUS AREAS

03.01-03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03250, 03620

2. PRIORITY

5

3. LICENSEE CONTACT

William Yelon, RSO

4. TELEPHONE NUMBER

(573) 529-6820



Main Office Inspection

Next Inspection Date: September 18, 2023



Field Office Inspection



Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced, routine inspection of 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, 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. At the time of the inspection, the licensee's distribution license had expired, and the licensee was in the process of renewing it. The inspector verified that the licensee did not make any distributions after the license had expired. The distribution license expired on November 30, 2017; the last distribution was in May 2017.

PERFORMANCE OBSERVATIONS

During the inspection the licensee's Radiation Safety Officer (RSO) demonstrated/discussed the removable contamination surveys, package receipt and handling procedures, security and storage of licensed material, inventory of the isotopes, testing and measuring to verify exempt concentrations, and transfer and shipping procedures.

Two violations were identified during this inspection and are documented on Part 1 of this form. The violations concerned: 1) failure to file or timely file the annual report of exempt distributions for calendar years 2014-2017 and 2) failure to periodically review the content and implementation of the radiation protection program.