

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>QSA Global, Inc. 40 North Avenue, Burlington, MA 01803 Location Inspected: Job Site in Jackson, MI</p> <p>REPORT NUMBER(S) 2019002</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>150-00020</p>	<p>4. LICENSE NUMBER(S)</p> <p>MA-12-8361</p>	<p>5. DATE(S) OF INSPECTION</p> <p>May 16, 2019</p>

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:

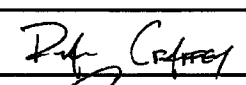
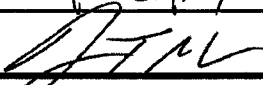
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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)

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			
NRC INSPECTOR	Ryan Craffey		05/23/2019
BRANCH CHIEF	Aaron McCraw		05/31/2019

Docket File Information

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6. INSPECTION PROCEDURES USED 87121, 87125	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03211	2. PRIORITY 2	3. LICENSEE CONTACT Robert Kelly - Technical Manager	4. TELEPHONE NUMBER (603) 438-4767
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Main Office Inspection Next Inspection Date: TBD

Field Office Inspection _____

Temporary Job Site Inspection 135 West Trail Street, Jackson, MI _____

PROGRAM SCOPE

This was an announced field inspection of a sealed source manufacturing company authorized by the Commonwealth of Massachusetts to use radioactive material for numerous applications, including but not limited to source and device fabrication, distribution, servicing, and emergency retrieval, as well as instrument calibration and student instruction. The company used this license to perform demonstrations of industrial radiography for training purposes in NRC jurisdiction under the terms of a reciprocity request approved in May 2019. The scope of this inspection was limited to observations of the practical portions of a 40-hour radiation safety course provided by two instructors to a group of radiographer's assistants and assistants-in-training employed by the client, a public utility based in Jackson, Michigan.

PERFORMANCE OBSERVATIONS

The inspector accompanied the licensee's instructors at the client's laboratory services facility in Jackson to observe the practical portions of the training course, which consisted of guided demonstrations of radiographic operations at a simulated temporary job site using a QSA Model 880D exposure device, as well as guided demonstrations of the effect that shielding and distance had on survey meter exposure readings using a QSA Model 773 instrument calibrator inside the client's permanent radiographic installation. While directing the conduct of these activities, both instructors maintained a satisfactory emphasis on the implementation of ALARA practices, minimization of public exposure, and compliance with NRC regulatory requirements and licensee procedures. The inspector noted that both instructors used adequate, calibrated and operable dosimetry and survey instrumentation during these activities, and were knowledgeable of radiation protection principles, the use and maintenance of radiography equipment, and emergency response measures.

While on site, the inspector reviewed the instructors' radiographer and radiography trainer certifications, as well as a copy of the company's current Massachusetts license for radioactive materials and the licensee's NRC Form 241 dated April 23, 2019. This form and its enclosure accurately described the activities observed during this inspection.

No violations of NRC requirements were identified as a result of this inspection.