

PetroChem Inspection Services, Inc.  
1475 East Sam Houston Parkway South  
Suite 100  
Pasadena, TX 77503

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June 3, 2015

To: **U.S. Nuclear Regulatory Commission**  
Materials Licensing Branch - Region III  
Lisle, Illinois 60532-4352

From: Joe Alonzo, CRSO  
Pasadena, TX 77503

Re: Mail Control Document 586398  
RAM License No. 42-32507-01

Dear Frank Tran;

Please find attached the information requested:

1. Course description for the Radiation Safety Officer training attended by Mr. Soviar.
2. PetroChem confirms by this letter that it has not possessed Lixi, Inc. Model LA-82X and has no record about it in the last 8 years.
3. Leak Test for the last 660 Series QSA Global device in our possession and the confirmation that the manufacturer / authorized licensee received it.

If you have questions or require additional information, please contact our offices.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Alonzo", written in a cursive style.

**Joe Alonzo**  
**Corporate Radiation Safety Officer**  
1475 E. Sam Houston Parkway S.; Ste. 100  
Pasadena, TX 77503  
O: 281-884-5142 / C: 281-605-8009 / F: 281-884-5199  
[JAlonzo@tuvam.com](mailto:JAlonzo@tuvam.com)

LAMCO HOMEPAGE  
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 TRAINING  
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## TRAINING DESCRIPTIONS

### Basic Radiation Safety -Industrial Radiographer Training

This 40-hour class is intended to meet State and Federal regulatory requirements for initial training to practice radiography with radioactive materials. An examination will be given at the end of the course. This 40 Hour Basic Radiation Safety Class is held in 4 ten hour days. When you complete the class you will be considered a trainee by the State of TX and all NRC and agreement states.

**Individuals need to bring pen, paper and a calculator to class.**

**Cost of the class is \$550.00**

### RSO Training -Radiation Safety Officer Course

This course is designed to meet the criteria for approval as an RSO (Radiation Safety Officer). The class is designed to assist individuals understand the everyday duties of the RSO. **Individuals need to bring a copy of their Company License or Registration, Company O & E Manual and all the associated forms.**

**Cost of this class is \$600.00**

### Source Retrieval Course

This course is designed to help individuals prepare for radiation emergencies and incidents that may occur in the workplace. Individuals will learn how to use equipment associated with source retrieval as well as learn how to take safety precautions while taking care of the emergency.

**Cost of this class is \$600.00**

### State Test Refresher

This course is designed to help individuals prepare for the state exam. Individuals will review the math formulas as well as the state of TX regulations.

**Cost of this class is \$50.00**

### Annual Refresher

This is offered for companies to meet the regulatory requirement for annual training. This course offers an overview of problems in the industry as well as upcoming changes. The class offers the individual's in-sight into what other companies and individuals are dealing with as well as their own company.  
**(Cost to be determined by amount of students)**

### Increased Control Training

This course is designed to give individual's an overview of the *Increased Control Order* and the requirements outlined within. This course will cover security awareness when transporting and working with or storing the device.

**Cost is \$50.00**

### Hazardous Material Training

This course is designed to give individuals an overview of the D.O.T. requirements as well as the requirements of the various state and federal agencies for transporting radioactive material.

**Cost is \$50.00**

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6765 Langley Drive  
Baton Rouge, Louisiana 70809  
Telephone: 225-751-5893  
Fax: 225-756-0365

Date: August 26, 2013

Ron Hayden  
Petrochem Inspection  
1475 East Sam Houston Parkway South  
Pasadena, TX 77503

Reference: 2013-124

This is to advise that the Radioactive Material as detailed below has been received by QSA Global, Inc as of 8-26-13 and we have taken possession of this device:

Manufacturer	Model	S/N	Isotope	Activity
Amersham	660B	B2808	Du-238	.005 ci

Please retain this record for your files. Should you require further assistance, please contact us at QSA Global, Inc.

Regards,

A handwritten signature in cursive script that reads "Rusty Barrett".

Rusty Barrett  
Technical Service Manager



# RADIATION CONSULTANTS, INC.

RADIOLOGICAL SAFETY / HEALTH PHYSICS SERVICES

P.O. Box 787, Deer Park, Texas 77536  
Office: 281.476.0072 Fax: 281.476.0658  
800.899.4112



(Texas License No. L02179)

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## CERTIFICATE OF LEAK TEST

[RC-1]

Customer:

J. D. Woodward  
PetroChem Insp.  
160 Lavoy Rd,  
Erie, MI 48133

Date of Report: **30-Jan-13**

Cust. Acct. No.: **MI951228**

Log No.: **LT1326425**

### \*\*\* Source Identification \*\*\*

Source Serial No.: **75990B**  
Isotope: **Ir-192**  
Activity: **1.1**  
Source Manufacturer: **QSA**  
Device/Holder No.: **B2808**  
Date Tested: **25-Jan-13**

### \*\*\* Analysis Results \*\*\*

CPM <b>61</b>	Background <b>54</b>	Efficiency <b>5.50%</b>
DPM <b>127.273</b>	Removable Contamination <b>Less Than <math>1.0 \times 10^{-4}</math> uCi</b>	

NOTE: Removable contamination equal to or greater than  $5.0 \times 10^{-3}$  uCi (11,000 dpm) constitutes a leaking or contaminated source.

**DU Result = 0.000 dpm**

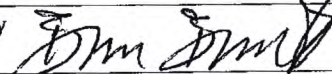
**Removable Contamination = Less Than  $1.0 \times 10^{-4}$  uCi**

Detector Manufacturer: **Ludlum**  
Detector Type: **Nal(Tl) Scintillato**  
Scaler Manufacturer: **Ludlum**  
Counting Efficiency: **5.50%**

Detector Model No.: **44-2**  
Detector Serial No.: **PR118547**  
Scaler Model No.: **2200**  
Date of Calibration: **6/20/2012**

Calibration and response of the counting system was determined and verified using known standards traceable to the National Institute of Standards and Technology (NIST).

This is to certify that the above indicated leak test sample has been analyzed on the date indicated and the documented results accurately represent the level of removable contamination at the time the test was performed.

Counted By <b>Bruce Bristow</b>	Approved By 
Date Counted <b>30-Jan-13</b>	Title <b>Radiation Safety Officer</b>

Note: Radiation Consultants, Inc. assumes no liability for the use or interpretation of any analysis results provided other than the cost of the analysis itself.



## Tran, Frank

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**To:** Staehlin, Catherine  
**Subject:** RE: Mail Control No. 586398\_NRC License 42-32057-01

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**From:** Staehlin, Catherine [mailto:CStaehlin@tuvam.com]  
**Sent:** Wednesday, June 03, 2015 1:00 PM  
**To:** Tran, Frank  
**Cc:** Alonzo, Joe  
**Subject:** RE: Mail Control No. 586398\_NRC License 42-32057-01

Please find the appropriate documentation attached per your request.

Thank you,  
**Cat Staehlin, RSO; QAQC; COSS**  
*Compliance Mgr.*  
TUV Chemical Oil & Gas dba PetroChem Inspection Services  
1475 E Sam Houston Parkway S, Suite 100  
Pasadena, TX 77503  
O: 281.884.5175  
C: 713.204.0680  
F: 281.884.5198

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**From:** Alonzo, Joe  
**Sent:** Wednesday, May 13, 2015 3:40 PM  
**To:** Staehlin, Catherine  
**Subject:** FW: Request for additional information for NRC License No. 42-32507-01

Sent from my Windows Phone

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**From:** [Tran, Frank](#)  
**Sent:** 5/13/2015 2:36 PM  
**To:** [Alonzo, Joe](#)  
**Subject:** Request for additional information for NRC License No. 42-32507-01

Dear Mr. Alonzo:

We have reviewed your amendment request dated March 23, 2015. In order to continue our review, we will need additional information.

1) Before we could remove QSA Global Model 660 and Lixi, Inc. Model LA-82X from your license, we need the following:

- a) a copy of the receipt that your devices have properly been transferred and received by an authorized license.
- b) a copy of the last leak test for these devices.

2) With regard to the proposed RSO's training, please provide a copy the course outline of the Radiation Safety Course for RSO that Mr. Soviar attended in September 2010.



Additionally, the removal of the storage location at 1944 Griffith Blvd, Griffith, Indiana has been completed per your request in the Amendment No. 10 of your license.

Please provide a response in writing by June 3, 2015 . To facilitate proper mail handling in our office, please refer Mail Control No. 586398 in your response. Your response must be dated and signed by an authorized person.

You could scan and email the response as a pdf file to [frank.tran@nrc.gov](mailto:frank.tran@nrc.gov) or fax to 630-515-1078.

If you have any questions, please contact me at 630-829-9623 or reply to this email.

Thank you,

Frank Tran  
License Reviewer  
NRC Region 3/Division of Nuclear Materials Safety  
Phone: 630-829-9623  
Fax: 630-515-1078  
Email: [Frank.Tran@nrc.gov](mailto:Frank.Tran@nrc.gov)

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