

From: Tooltech Gunsight, Inc. [mailto:susan@tooltechgunsight.com]

Sent: Monday, April 07, 2014 1:52 PM

To: Parker, Bryan

Subject: Re: Request for Info re: NRC License Renewal (CN 582247)

Attachment: Revised renewal dated 04/07/14

Ok here ya go, If anything needs to be changed just call me and I will do it for you right away.
Thanks for your help and your patience with this!

On Mon, Apr 7, 2014 at 1:40 PM, Parker, Bryan <Bryan.Parker@nrc.gov> wrote:

Hey Susan,

If I can get your response back on this today, I should be able to finish it off fairly quickly.
Thanks for your help on this.

Bryan

April 7, 2014

APPLICATION FOR LICENSE RENEWAL (CONTINUED)...
RESPONSE TO ITEM NUMBERS 5 THROUGH 11 (REF. LICENSE NUMBER 21-24662-01)

5a. Hydrogen 3

5b. Sealed Sources : Microtec A. G. Model 400 Series

5c. Not to exceed 30 millicuries per source and 90 millicuries total, per object and 35 Curies maximum at any one time

* I would like to increase this due to anticipated expense in customer base and higher quantity orders in the near future

6. For possession pursuant to 10 CFR Part 30.19

7. Susan J. Skalecki, 15 plus years hands on experience under the supervision of Robert E. Trottier and online, self-taught education about safety on the NRC website as well as the mailings received from the NRC.

*I would like to request this change due to the fact that Robert Trottier is planning to retire and I am the most qualified to replace him. I have been the responsible liaison for NRC safety inspections and have discussed safety procedures with the inspectors at those times. I try to learn more about safety by visiting the NRC website and reading the notices received from the NRC.

8. Hands on training with Susan Skalecki with refreshers once per year or as needed when we hire a new employee.

I train employees to be aware that they are dealing with radioactive sources and how to handle them properly to avoid breakage and increase safety.

I also tell them the procedure to follow in case of accidental breakage or leakage.

I will maintain training records for all new employees as well as for the annual refresher training sessions.

9. Please refer to the shop floor diagram attached

10. Susan Skalecki receives the sources via United Parcel Service.

Sources are checked for luminosity and then recorded into our inventory worksheet.

The sources are stored in a locked safe in the office indicated on the diagram for item 9.

Inventory is done on a monthly basis with a physical count, and also making sure the sources in less the sources out match the physical count. All inventory records will be maintained for 5 years.

Sources are installed* into the sights and include a notice when shipped. The notice reads:

"Please note: this package conforms to the conditions and limitations specified in 49 CFR 173.422 for excepted radioactive material, instruments and articles. UN2911."

*Please see the attached "Insert Installation Procedure" sheet for explanation of installation

If leakage occurs, we immediately leave the general area and ventilate the building by opening doors and windows. We also wash our hands and any other body part that may have come in contact with the leakage.

11. Damaged units will be returned to Trijicon, Inc. on an annual basis. I keep the damaged or old vials in a container in the safe until the time to send them to Trijicon for disposal. No other method of disposal is used.

* I would like to change this to annually as we do not have much breakage or damage to our sources.


Susan J. Skalecki, Office Manager

ATT. A

INSERT INSTALLATION PROCEDURE

Required: Loctite® Black Max® adhesive
nozzle dispenser
tweezers
Acetone (for clean up)

1. The inside surface of the hole should be uniform, without burrs or tool marks. All holes must be vented. The hole must either be a through hole or a separate vent hole must enter the main hole near its deepest part. See our parts as samples. This is to allow the adhesive to seat fully.
2. Holes must be cleaned to remove any cutting oil, etc. Preferably with a strong organic solvent to degrease the part completely. Acetone or Ethanol are good choices.
3. Apply a drop of Loctite® Black Max® to the inside of the hole. The drop should be about the size of the hole but should be against one side of the hole.
4. Grasping the insert lightly with a pair of tweezers, introduce the insert into the hole in a circular motion so that the entire outside of the aluminum cylinder is wetted with the adhesive as it enters the hole. **MAKE SURE THAT THE SAPPHIRE END IS POINTING AWAY FROM THE HOLE AS YOU START.**
5. Immediately push the sapphire flush with the surrounding surface outside the hole. The adhesive will set up very quickly if the hole is the proper size. Any delay could result in an improper depth.