

J-6

Hecor, Inc.
P.O. Box 455
Mayaguez, PR 00681

February 28, 2019

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

52-31342-01
03037851

Dear Sir or Madam:

Please find enclosed all information for the use and handling of radioactive materials.

If your need any further information, please feel free to contact Hector del Rio Diaz 787.365.2152.

Sincerely,



Agrim. Hector L. Del Rio Torres

REC RG 1 03 05 *19 PM 06:54

7014 1820 0000 8140 7953

611350

NMSS/RGN1 MATERIALS-002

Item 1 Address

a) Mailing address

Hecor, Inc.
 P.O. Box 455
 Mayaguez, PR 00681
 (787) 805-4120
 Fax (787) 265-6885

b) Main Office address

Hecor, Inc.
 Parque Industrial delo Oeste
 Calle Rochelaise #31
 Mayaguez, PR 00681
 (787) 805-4120
 Fax (787) 265-6885

c) Physical location (storage/location of the Nuclear gauge & records)

Hecor, Inc.
 Parque Industrial delo Oeste
 Rochelaise #31
 Mayaguez, PR 00681
 (787) 805-4120
 Fax (787) 265-6885

Please authorize the use at any temporary job site location within US territories.

The following is based on Portable Gauge Licenses, NUREG 1556 Vol 1, November 2001, Appendix B

Item 5 and 6: Materials to be Possessed and Proposed Uses

Radioisotope	Manufacturer	Quantity	Use as Listed on SSD Certificate	Other Uses Not Listed on SSD Certificate
Ra-226	Sealed sources (Radium Chemical Company Dwg 21.94; AEA Technology Model Ran.C1)	No single source to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 22 mCi total	Yes	Not Applicable
Cs-137	Sealed Sources (AEA Technology Models CDC.804, CDC.805, CDC.800; Isotope Products Laboratories Model HEG-137; Dupont Merck Model NER-550; 3M Model 4P6M)	No single source to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 40 mCi total	Yes	Not Applicable

Am-241	Sealed Sources (AEA Technology Models AMN.6002; AMN.Q1954, AMN.PE5, AMN.V997; Istoproducts Laboratories Model AMI.NO2)	No single source to exceed the maximum activity per device as specified in Sealed Source and Registration Certificate. 200 mCi total	Yes	Not Applicable
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Item No. and Title	Response
7. Individual(s) responsible for the radiation safety program and their training and experience – Radiation Safety Officer. Name: Hector del Rio Diaz	Before obtaining licensed material, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled “individuals(s) Responsible for Radiation Safety Program and Their Training and Experience- Radiation Safety Officer” in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
8. Training for individuals working in or frequenting Restricted areas.	Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled “Training for Individuals Working In or Frequenting Restricted Areas” in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
9. Facilities and equipment.	No information needs to be submitted in response to this item; key issues are addressed under “Radiation Safety Program – Public Dose” and “Radiation Safety Program – Operating and Emergency Procedures.”
10. Radiation Safety Program – Audit Program.	The applicant is not required to, and should not, submit its audit program to NRC for review during the licensing phase.
10. Radiation Safety Program – Termination of activities.	The applicant is not required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.
10. Radiation Safety Program – Survey Instrument. Monitor 4	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled “Radiation Safety Program – Instruments” in NUREG-1556, Vol 1, Rev. 1 dated November 2001.
10. Radiation Safety Program – Material Receipt and Accountability.	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.
10. Radiation Safety Program – Occupational Dosimetry.	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide Dosimetry processed and evaluated by an NVLAP approved processor that is exchanged at a frequency recommended by the processor.
10. Radiation Safety Program – Public Dose.	The applicant is not required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.
10. Radiation Safety Program – Operating and Emergency Procedures.	Operating and emergency procedures will be developed, implemented, and maintained and will meet the Criteria in the section entitled “Radiation Safety Program – Operating and Emergency Procedures” in NUREG-1556, Vol 1, Rev. 1 dated November 2001

<p>10. Radiation Safety Program – Leak Test.</p>	<p>Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the sealed Sources and Device Registration Sheets. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or Agreement State to provide leak tests kits to other licensees and according to the kit supplier’s instructions.</p>
<p>10. Radiation Safety Program – Maintenance.</p>	<p style="text-align: center;"><i>Routine Cleaning and Lubrication</i></p> <p>We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer’s recommendations and instructions.</p> <p style="text-align: center;"><i>Non-Routine Maintenance</i></p> <p>We will send the gauge to the manufacturer or other person authorized by the NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p>
<p>10. Radiation Safety Program – Transportation.</p>	<p>The applicant is not required to submit a response to transportation during the licensing process. However, this issue will be reviewed during an inspection.</p>
<p>11. Waste Management – Gauge Disposal and Transfer.</p>	<p>The applicant is not required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.</p>



**INVENTARIO DE MEDIDORES NUCLEAR DE DENSIDAD
(NUCLEAR GAUGES INVENTORY)**

MODEL	SERIAL	MANUFACTURER	QTY	Geiger Muller	Location	Audit
C-200	L-547	SEAMAN NUCLEAR Ra-226 4.5mCi	1	1	Hecor facility	
C-300	21184	SEAMAN NUCLEAR Ra-226 4.5mCi	1	1	AC-80227 cayey	
C-300	21156	SEAMAN NUCLEAR Ra-226 4.5mCi	1	1	AC-80227 cayey	

RSO Approved:  **Date:** 28 - feb - 19

CRMI

Consultores de Radiación Médica e Industrial NRC License # 52-25430-01

This certifies that


Hector del Río Díaz

Has successfully completed the courses entitled:


**Nuclear Gauge Certification,
Security for Hazardous Materials and
HAZMAT for Radiation Certification**

February 26, 2019

This course provides the continuing education requirements in compliance with the 49 Code of Federal Regulations Part 172.704 and the Nuclear Regulatory Commission NUREG 1556.


David M. Rho, MS, WSO-CHME, WSO-CSI
Health Physicist Medical Physicist

This certifies that the employee has been trained and tested, as required by 49 CFR 172.704.


Management

CRMI

Consultores de Radiación Medica e Industrial NRC License 52-25430-01


This certifies that

Hector del Río Díaz

RADIATION SAFETY OFFICER Certification,


February 26, 2019

This course provides the continuing education requirements in compliance with the 49 Code of Federal Regulations Part 172.704 and the Nuclear Regulatory Commission NUREG 1556.



David M. Rhoe, HP/MP
WSO-CHME
WSO-Certified Safety Instructor

This certifies that the employee has been trained and tested, as required by 49 CFR 172.704.



Management