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| <b>NRC FORM 7</b><br>(07-2019)<br>10 CFR 110  |  | <b>U. S. NUCLEAR REGULATORY COMMISSION</b>   |  | <b>APPROVED BY OMB: NO. 3150-0027</b>  |  | <b>EXPIRES: 02/28/2022</b>   |  |
|    |  | <b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)</b><br><i>(See Instructions on Pages 4 and 5)</i>   |  |  |  | Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection. |  |
| <b>PART A. FOR NRC USE ONLY</b>   |  | <input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public   |  | Date Received<br><b>03/19/21 JMS</b>   |  |  |  |
| License Number<br><b>XB1356</b>   |  | Docket Number<br><b>11006415</b>   |  | Adams Accession Number   |  |  |  |
| <b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b><br>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)   |  |  |  |  |  |  |  |
| 1. Name and Address of Applicant/Licensee<br><b>Eckert &amp; Ziegler Isotope Products</b><br><b>24937 Avenue Tibbits</b><br><b>Valencia CA 91355</b><br><b>USA</b>  |  | 1a. Name of Applicant's Contact<br><b>Ms. Gurpreet Hayhre</b>  |  | 1b. Applicant's Reference Number<br><b>EZC / 27Jan21</b>   |  |  |  |
|   |  | 1c. Office Telephone Number<br><b>661 309 1010 extension 314</b>   |  | 1d. Office Facsimile Telephone Number<br><b>661 257 8308</b>   |  |  |  |
|   |  | 1e. Applicant's E-mail Address<br><b>gurpreet.hayhre@ezag.com</b>  |  |  |  |  |  |
| 2. Type of Action Requested (Check one)   |  | <input checked="" type="checkbox"/> Export (Parts B, C, E)   |  | <input type="checkbox"/> Amendment/Renewal   |  | Current License Number:  |  |
|   |  | <input type="checkbox"/> Import (Parts B, D, E)  |  | <input type="checkbox"/> Consent Request (Parts B, C)  |  | Current License Number:  |  |
| 3. Contract Number(s)<br><b>N/A</b>   |  | 4. First Shipment Date<br><b>15 Apr 21</b>   |  | 5. Last Shipment Date<br><b>15 Apr 23</b>  |  | 6. Proposed Expiration Date<br><b>01 Jun 23</b>  |  |
| <b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b><br>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)  |  |  |  |  |  |  |  |
| 7. Name(s)/Address(es) of U. S. Suppliers and/or other U. S. Parties to the Export<br><b>Eckert &amp; Ziegler Isotope Products</b><br><b>24937 Avenue Tibbits</b><br><b>Valencia CA 91355</b><br><b>USA</b><br><br>Tel. no. 661-309-1010  |  | 8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)<br><b>Eckert &amp; Ziegler Cesio</b><br><b>Radiova 1</b><br><b>10227 Prague</b><br><b>Czech Republic</b><br><br><b>VF Nuclear</b><br><b>Svitavska 588</b><br><b>679 21 Cerna Hora</b><br><b>Czech Republic</b><br><b>See Page 3 of 3</b> |  | 9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)<br><b>Pakistan Institute of Engineering and Applied Science (PIEAS)</b><br><b>Lehtrar Road,</b><br><b>Nilore</b><br><b>Islamabad</b><br><b>Pakistan</b><br><br>Contact: Prof. Dr. Naseem Irfan<br>Tel. no.: 92 51 9248716<br>Fax. no.: 92 51 9248600 |  |  |  |
| 7a. Function(s) Performed/Service(s) Provided<br><b>EZIP is the manufacturer of the source</b>  |  | 8a. Intermediate Use(s)<br><b>Importer and Distributors</b><br><b>See Page 3 of 3</b>  |  | 9a. Ultimate End Use(s)<br><b>For research and calibration</b>   |  |  |  |
| 10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export<br><br><b>Radioactive sealed source made of stainless steel, 1 cm overall length, 0.236" overall diameter, consisting of 0.000444 TBq (12 mCi) of Eu-152 x 2 sources. Part number is EU230240010M and Model HEG-152 (drawing 3024) registered under SS&amp;DR No. CA0406S122S.</b> |  | 10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq)<br><br><b>0.000888 TBq</b>   |  | 10b. Max Enrichment or WGT%<br><br><b>N/A</b>  |  | 10c. Max Isotope WGT (KG)<br><br><b>N/A</b>  |  |
| 11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume)<br><b>None. 100% US obligated.</b>  |  |  |  |  |  |  |  |

## NRC FORM 7

(07-2019)  
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

|                          |                           |                        |  |
|--------------------------|---------------------------|------------------------|--|
| License Number<br>XB1356 | Docket Number<br>11006415 | Adams Accession Number | <input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public |
|--------------------------|---------------------------|------------------------|--|

**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

|  |  |   |                                  |
|--|--|---|----------------------------------|
| 12. Name(s)/Address(es) of Foreign Suppliers and/or other Foreign Parties to Import<br>N/A | 13. Name(s)/Address(es) of Foreign or U. S. Intermediate Consignee(s)<br>N/A | 14. Name(s)/Address(es) of Ultimate U. S. Consignee(s)<br>N/A |                                  |
| 12a. NRC Export License Number(s) (if applicable)<br>N/A                                   | 13a. License Number(s) / Expiration Date(s)<br>N/A                           | 14a. License Number(s) / Expiration Date(s)<br>N/A            |                                  |
|  | 13b. Intermediate Use(s)<br>N/A  | 14b. Ultimate End Use(s)<br>N/A                               |                                  |
| 15. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities<br>N/A        | 15a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq)<br>N/A  | 15b. Max Enrichment or WGT%<br>N/A                            | 15c. Max Isotope WGT (KG)<br>N/A |

16. Foreign obligations (By country and by Percentage of Maximum Total Volume)  
N/A**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

|   |  |
|---|--|
| 17. Additional Information provided on pages 3, 4, and/or separate sheets?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 17a. Copies of Recipient's Authorizations Provided?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---|--|

18. Certification:

**I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.**

|  |  |                            |
|--|--|----------------------------|
| 18a. Print Name and Title of Authorized Official<br>Ana R. Ramirez,<br>Segment VP, Regulatory & Quality Operations | 18b. Signature -- Authorized Official<br>DocuSigned by:<br><i>Ana R. Ramirez</i> | 18c. Date<br>03 March 2021 |
|--|--|----------------------------|

**NRC FORM 7**(07-2019)  
10 CFR 110**U. S. NUCLEAR REGULATORY COMMISSION****APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

License Number

XB1356

Docket Number

11006415

Adams Accession Number



Public

**OR**

Non-Public

Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Item 8. Please note the contact information for Eckert &amp; Ziegler Cesio (Importer and Distributor):

Mr. Radek Zadek

E-mail: radek.zadak@ezag.com

Tel. no.: 420 2 67008420

Please note the contact information for VF Nuclear (Distributor):

Mr. Ondrej Flasar

E-mail: ondrej.flasar@vfnuclear.com

Tel. no.: 420 7 25776365

Item 8a:

EZC will import and distribute the sources to VF Nuclear. VF Nuclear will re-export to PIEAS (Ultimate Foreign Consignee).



**Eckert & Ziegler**  
Isotope Products

24937 Avenue Tibbitts  
Valencia, California 91355

Tel 661•309•1010  
Fax 661•257•8303

[www.ezag.com](http://www.ezag.com)

3<sup>rd</sup> March 2021

Deputy Director,  
Office of International Programs,  
U.S. Nuclear Regulatory Commission,  
Washington, DC 20555-0001

Re: Export license request for export to Pakistan

Dear Deputy Director,

Please find enclosed NRC Form 7 license application for the export of Eu-152 sources to Pakistan. The sources would be manufactured by us, Eckert & Ziegler Isotope Products, which we would then to our sister company, Eckert & Ziegler Cesio (EZC) in the Czech Republic, under CA Radioactive Materials License no. 6795-19. EZC would then furnish the sources to VF Nuclear, who would in turn re-export the sources to PIEAS in Pakistan.

Sincerely,



Gurpreet Hayhre,  
Regulatory Affairs Officer

Enclosures: NRC Form 7 (3 pages)

End Use Statement

VF Nuclear Radioactive Materials License (in Czech and translated into English)

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ISO 9001 CERTIFIED

**Medical Imaging Laboratory**

24937 Avenue Tibbitts Valencia, California 91355

**Industrial Gauging Laboratory**

1800 North Keystone Street Burbank, California 91504