

EXPORT LICENSE

NRC FORM 250



United States of America
Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: PXB224.01

Page 1 of 7

NRC DOCKET NO.: 11006318

LICENSE EXPIRES: December 31, 2021

Pursuant to the Atomic Energy Act of 1954, as amended, and the regulations issued by the Nuclear Regulatory Commission (NRC) pursuant thereto, and in reliance on statements and representations heretofore made by the applicant/licensee, this license is hereby issued authorizing the licensee to export of the byproduct materials listed below, subject to the terms and conditions herein. This license is only valid if the licensee or 'Other Party (ies) to Export' maintain the requisite NRC or Agreement State domestic license(s).

LICENSEE

ISO FLEX Radioactive LLC
108 Teal Street
St. Rose, LA 70087

Attn: Kevin J. Schehr

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

See following page(s)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

Fluoroscopy Techniques Laboratory
301 Nirmal Industrial Estate
Near Nehru Park, Sion (East)
Mumbai 400022
India
(distributor)

OTHER U.S. PARTY(IES) TO EXPORT

None

APPLICANT'S REFERENCE: Application Dated 11/12/19

ULTIMATE DESTINATION: India

**DESCRIPTIONS OF 10 CFR PART 110, APPENDIX P, BYPRODUCT MATERIALS
TO BE EXPORTED, INCLUDING CONDITIONS AND NOTES**

(NOTE: SEE PAGE 7 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2)

Export to India of Category 2 quantities of: Ir-192 not to exceed 79 terabecquerels (TBq); Se-75 not to exceed 150 TBq, and Yb-169 not to exceed 7.4 TBq, for industrial radiography to the end-users listed is authorized.

Licensee is responsible for compliance with all applicable export, and other domestic regulatory requirements, including all terms and conditions of domestic material possession licenses.

Licensee must submit pertinent documentation required by 10 CFR § 110.32(g) at least 24 hours prior to shipment. See Page 7 for Mandatory Advanced Notifications.

This license replaces PXB224.00-R by: 1) extending the expiration date from July 31, 2021 to December 31, 2021; 2) adding 39 additional "Ultimate Consignee(s)" and; 3) adding one "Intermediate Foreign Consignee".

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVE**

NAME AND TITLE:

David L. Skeen

Digitally signed by David L. Skeen
Date: 2020.03.04 13:29:40 -05'00'

David L. Skeen, Deputy Director
Office of International Programs

DATE OF ISSUANCE:

March 4, 2020

EXPORT LICENSE

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

1. AMBITION NDT & INSPECTION TECHNOLOGY
Iswar Krupa Sadan Dehu Fhata
Moshi Tai
Haweli Pune Nashik Highway Pune-412105
India
(industrial radiography)
2. APT X-Ray (INDIA) PVT LTD (BRANCH OFFICE)
B-2 Shree Niwas No.8, Vennu Reddy Street
Guindy, Chennai 600032
India
(industrial radiography)
3. APT X-Ray (INDIA) PVT LTD (HEAD OFFICE)
Office No.3 Mangal Murti, Plot No 31
Jawahar Nagar, Road No 12
Goregaon (W), Mumbai 400062
India
(industrial radiography)
4. ASCENT NDT SERVICES
Plot No.14, Laxminagar, 1st Street
Indira Nagar Main
Manapakkam, Trichy-620015
India
(industrial radiography)
5. ASCO INDUSTRIAL CORPORATION
7A Industrial Area
Sonipat-13100(H.R.)
India
(industrial radiography)
6. Bolax NDT Engineering
Plot No. 75/A/3/5, Telco - Bhosari Road, General Block
MIDC, Corporation Bank, Next To Tuljia Bhavani Complex
Bhosari, Pune, Maharashtra 411026
India
(industrial radiography)
7. Bolax NDT Engineering (KOLHAPUR OFFICE)
5 Star MIDC Kagal, Plot No. G - 107
Randive Wadi Road, MIDC, Kolhapur
Maharashtra 416236
India
(industrial radiography)
8. Bolax NDT Engineering (Rajkot Office)
Panna Furniture Industries, S. No. 267/2, Shaper Industrial Area, Behind Nova Techno Shaper,
Rajkot 360024 Gujarat
India
(industrial radiography)
9. CALCUTTA TECHNO HEATERS (INDIA) PVT, LTD.
22A Dum Dum Road
Kolkatta-700002
India
(industrial radiography)
10. CR Quality and Engg Services
Gyan Pushpa Building
Office No. 1 & 2, Beside Bharat Forge
Pune-Nashik Highway, Kuruli, Chakan, Pune 410501
India
(industrial radiography)

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

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|---|---|
| <p>11. CREATIVE NDT SERVICES
Shop No. 13&14, Soham Industrial Complex,
Plot 318
PCNTDA, Sector 10, MIDC, Bhosari, Pune
411026
India

(industrial radiography)</p> | <p>12. GANDHI NDT SERVICES
2 Shrinath Society, Usmanpura
Ashram Road, Ahmedabad 380013
India
(industrial radiography)</p> |
| <p>13. GB ENGINEERING ENTERPRISES P. LTD.
D-99 Developed Plots Estate Thuvakudi,
Tiruchirappalli 620015
India
(industrial radiography)</p> | <p>14. GLOBAL INSPECTION SERVICES
MB2 Sunshine Complex, Panchvati
Gorwa, Refinery Road, Vadodara 390005
India
(industrial radiography)</p> |
| <p>15. HDO TECHNOLOGIES P. LTD.
5 1/2 Near Vatva Railway Crossing GIDC
Ahmedabad 382445
India
(industrial radiography)</p> | <p>16. HI-TECH RADIOGRAPHIC INSPECTION
SERVICES
160/1 Royal Puspa Park
Street no.3,80 feet Road, New Aaramwadi
Khodiyar Colony, Jamnager 361006
India

(industrial radiography)</p> |
| <p>17. HINDUSTAN ENGINEERING &
INDUSTRIES LTD
Mody Building, 27 Sir R. N. Mukharjii Road
Kolkatta 700001
India
(industrial radiography)</p> | <p>18. INDIRA Gandhi Centre for Atomic Research
Radiological Safety Division, Kalpkkam
603102
India
(industrial radiography)</p> |
| <p>19. INDUS NDT & HEAT TREATERS
Row House No. 11, Hill View CHS Ltd.
Saikrupa Complex
Kashimira Road, Thane 401104
India
(industrial radiography)</p> | <p>20. INDUSTRIAL X-RAY & ALLIED
RADIOGRAPHERS P. LTD
102 Faizen Apartment, 1st floor, S. V. Road
Jogeswari (W) Mumbai 400102
India
(industrial radiography)</p> |
| <p>21. INJO TECHNICAL SERVICES
Office no. 44 Yugay Mangal Complex
Kothrud, Near ICIC Bank PUNE 411038
India
(industrial radiography)</p> | <p>22. INTERNATIONAL RADIOGRAPHY SERVICES
RM.1 12 Udyog Darshan Society G-Block,
MIDC
Shahunagar Chinchwad, Pune 411019
India
(industrial radiography)</p> |

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

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|---|---|
| <p>23. INTEROCEAN SHIPPING CO
506 Embassy Centre, 207 Naroman Point
Mumbai 400021
India
(industrial radiography)</p> | <p>24. IRICO (Admin Office)
SP-111, Ambattur Industrial Estate
Ambattur, Chennani 600058
India
(industrial radiography)</p> |
| <p>25. IRICO (Coimbatore)
No 75, Sidco Industrial Estate Kurichi
Coimbatore 641021
India
(industrial radiography)</p> | <p>26. IRICO (Plant B)
Old No 69
Natesan Nager
Vivekananda Street, Athipet, Chennai 600095
India
(industrial radiography)</p> |
| <p>27. IRICO (Ranipet)
No. 477/9, Sipcot Industrial Estate Ranipet-
632403
India
(industrial radiography)</p> | <p>28. JUPITER INSPECTION SERVICES
Plot no. 406, 4th floor, Arjun Park, Chs. Ltd.
Road no.9, Raghunath Nager, Thane 400604
India
(industrial radiography)</p> |
| <p>29. METALAB
42A Industrial Area, Govinpura
Bhopal (M.P) 462023
India
(industrial radiography)</p> | <p>30. METALCARE ENGINEERING SERVICES
S.F.No.151 Trichy Thuraiyur Road
Peramangalam, Tiruchirappalli 621006
India
(industrial radiography)</p> |
| <p>31. NATIONAL POWER CORP of INDIA LTD
Rawatbhata Rajstahan Site Unit 5 & 6
P.O. Anushakti, Via-Kota 323303
India
(industrial radiography)</p> | <p>32. NATIONAL RADIOGRAPHY SERVICES
63 Gokul Nagar – 3, Saibaba School Kalai Fatak
Atladra, Vadodara 390012
India
(industrial radiography)</p> |
| <p>33. NDT SYSTEMS PVT LTD
C-15 Sunrise CSH Ltd, Shiv Vallabh Road
Ashokvan, Borivali (East), Mumbai 400066
India
(industrial radiography)</p> | <p>34. NIMAY NDT SERVICES
43/B GIDC, Makarpura Industrial Estate
Vadodara 390010
India
(industrial radiography)</p> |

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

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| <p>35. NOBEL NDT SERVICES
Shop No. 2 Baija Complex, Near Sant Gajanan Hospital
Chimbali Phata, Pune Nashik Road, Pune 410501
India
(industrial radiography)</p> | <p>36. PROCESS CONSTRUCTION & TECHNICAL SERVICES (P) Ltd.
8,9,10, SHREE RAMKRISHNA NIVA " Plot no.46,47
Sector-40, Seawoods Nerul (West) N. Mumbai 400706
India
(industrial radiography)</p> |
| <p>37. PROTAN NDT SERVICES
SF 21 Vardan Apartment, Abhay Khand 3 Indrapuram, Ghazaibad 201010
India
(industrial radiography)</p> | <p>38. RADAX SERVICES
42/2A Maharani Indira Devi Road Pallishree, Kolkatta 700060
India
(industrial radiography)</p> |
| <p>39. RADIOTECH
87-90 Bahagvati Estate, B/H Uttam Dairy Aamraiwadi Road, Ahmedabad 380026
India
(industrial radiography)</p> | <p>40. REAL NDT INSPECTION SERVICES
Flat no.14 Ritesh Residency, Guruvihar, Pune Nashik Highway Bhosari ,Pune 400039
India
(industrial radiography)</p> |
| <p>41. S & P NDT SERVICES
203/1 Ashanagar, Near Shindhvai Gam, Vimal Washing
C.T.M. Char Rasta, Ramol Road, Ahmedabad 380026
India
(industrial radiography)</p> | <p>42. SCIENTECH SERVICES
No. 15 Singasandra, 14th KM Hosur Road Bangalore 560068
India
(industrial radiography)</p> |
| <p>43. SIASRUSHTHI TECHNICAL SERVICES
B-107 Punit Industrial Estate, Plot no. D11/11A Turbhe MIDC, Thane Belapur Road, Thane 400705
India
(industrial radiography)</p> | <p>44. SIDDHI TECHNICAL SERVICES
Gat No. 890/9, Plot No. 23, MIDC Shirol Nagaon, Kolhapur 416122
India
(industrial radiography)</p> |
| <p>45. SIGMA INSPECTION & TESTING PVT. LTD
Plot no. 1607, Phase 1&2 Lion School Road, Mahavir
Rice Mill GIDC Naroda, Ahmedabad 382330
India
(industrial radiography)</p> | <p>46. SITAS NDT (BANGALOR CORP OFFICE)
#51, 3rd Floor, 5th Main Road, 36th Cross, 5th Block
Jayanagar, Bangalore Karnataka 560041
India
(industrial radiography)</p> |

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

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|--|---|
| 47. SITAS NDT (COIMBATORE)
SF No. 472/1,2,3, Sendhampalayam, S.S.
Kulam (via)
P.G.Pudur(Post) Coimbatore 641107, Tamilnadu
India
(industrial radiography) | 48. SITAS NDT (HUBLI)
Plot No. 90 B, Tarihal Industrial Area
Tarihal, Hubli Karnataka -580 026
India
(industrial radiography) |
| 49. SITAS NDT (SHIMOGA)
No. 19 - F, Machenahalli Shimoga, Bhadravathi
Industrial Area
Shimoga - 577222, Karnataka
India
(industrial radiography) | 50. UNIQUE NDT SERVICES
Plot no. 88, Sector no.10, Bhosari
Near Spine Road Pune 411026
India
(industrial radiography) |
| 51. UNIQUE RADIOGRAPHY SERVICES
185-186 Shubh Industrial Estate, Near Zaveri
Estate
Kathwada GIDC, Odhav, Ahmedabad 382415
India
(industrial radiography) | 52. View NDT (Coimbatore)
S.F.No. 233/2B & 2C
MasagoundanChettiPalayam Village
Telungupalayam Road, Near Annur Coimbatore
641653
India
(industrial radiography) |
| 53. View NDT (Trichy)
1152/A, Kainankarai, Mathur Post Pudukkottai
Road
Trichy 622515
India
(industrial radiography) | 54. WEB NDT SERVICES
Main Market Anapara, DTH Baba Road
Sonbhadra 231225
India
(industrial radiography) |

MANDATORY ADVANCED NOTIFICATIONS PER 10 CFR PART 110.50(c)

The following Advanced Notifications must be made to both the NRC and, in case of exports, the government of the importing country in advance of each shipment:

Mandatory Advanced Notifications to the NRC are to be emailed to hoo.hoc@nrc.gov (preferred method) or faxed to the NRC at 301-816-5151. In the subject line of the email or on the fax cover page include: "10 CFR 110.50(c) Notification." For technical assistance, use the same e-mail address or call 301-287-9056.

Mandatory Advanced Notifications to the government of the importing country must be emailed or faxed to the appropriate foreign government authorities. To locate the point-of-contact for international Advanced Notifications see: <http://www-ns.iaea.org/downloads/rw/imp-export/import-export-contact-points.pdf>. In the subject line of the email or on the fax cover page include: "NOTIFICATION TO THE IMPORTING STATE PRIOR TO SHIPMENT OF CATEGORY 1 OR 2 RADIOACTIVE SOURCES." For technical assistance or for countries not listed, contact the Office of International Programs' export/import staff at 301-287-9056.

Table 1: Appendix P to Part 110 Category 1 and Category 2 Radioactive Material Threshold Limits

Radioactive Material	Category 1		Category 2	
	Terabequerels (TBq)	Curies (Ci) ¹	Terabequerels (TBq)	Curies (Ci) ¹
Americium-241 (Am-241)	60	1,600	0.6	16
Americium-241/Beryllium (Am-241/Be)	60	1,600	0.6	16
Californium-252 (Cf-252)	20	540	0.2	5.4
Curium-244 (Cm-244)	50	1,400	0.5	14
Cobalt-60 (Co-60)	30	810	0.3	8.1
Cesium-137 (Cs-137)	100	2,700	1.0	27
Gadolinium-153 (Gd-153)	1,000	27,000	10.0	270
Iridium-192 (Ir-192)	80	2,200	0.8	22
Plutonium-238 ² (Pu-238)	60	1,600	0.6	16
Plutonium-239/Beryllium ² (Pu-239/Be)	60	1,600	0.6	16
Promethium-147 (Pm-147)	40,000	1,100,000	400	11,000
Radium-226 ³ (Ra-226)	40	1,100	0.4	11
Selenium-75 (Se-75)	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170 (Tm-170)	20,000	540,000	200	5,400
Ytterbium-169 (Yb-169)	300	8,100	3.0	81

Calculation of Shipments Containing Multiple Sources or Radionuclides:

The "sum of fractions" methodology for evaluating combinations of radionuclides being transported is to be used when import or export shipments contain multiple sources or multiple radionuclides. The threshold limit values used in a sum of the fractions calculation must be the metric values (i.e., TBq).

I. If multiple sources and/or multiple radionuclides are present in an import or export shipment, the sum of the fractions of the activity of each radionuclide must be determined to verify the shipment is less than the Category 1 or 2 limits of Table 1, as appropriate. If the calculated sum of the fractions ratio, using the following equation, is greater than or equal to 1.0, then the import or export shipment exceeds the threshold limits of Table 1 and the applicable security provisions of this part apply.

II. Use the equation below to calculate the sum of the fractions ratio by inserting the actual activity of the applicable radionuclides or of the individual sources (of the same radionuclides) in the numerator of the equation and the corresponding threshold activity limit from the Table 1 in the denominator of the equation. Ensure the numerator and denominator values are in the same units and all calculations must be performed using the TBq (i.e., metric) values of Table 1.

R1 = activity for radionuclides or source number 1
R2 = activity for radionuclides or source number 2
RN = activity for radionuclides or source number n

AR1 = activity limit for radionuclides or source number 1
AR2 = activity limit for radionuclides or source number 2
ARN = activity limit for radionuclides or source number n

$$\sum_{i=1}^n \left[\frac{R_1}{AR_1} + \frac{R_2}{AR_2} + \frac{R_n}{AR_n} \right] \geq 1$$

¹ The values to be used to determine whether a license is required are given in TBq. Curie (Ci) values are provided for practical usefulness only and are rounded after conversion.

² The limits for exports of Pu-238 and Pu-239/Be can be found in § 110.21.

³ Discrete sources of Radium-226.