

Know your Practice-Role-Profile:

You may go through Radiation Generating Equipment (RGE)/ Radiation Sources (RS) intended to be used as given below to find out Practice and Institute Role to be selected in eLORA.

INDUSTRIAL APPLICATIONS OF RS/RGE		
Radiation Generating Equipment/ Source	Practice	Institute Role
<ul style="list-style-type: none"> • Baggage Scanner • Electron Capture Detector • Food Scanners • Gaseous Tritium Light Sources • Ionization Chamber Smoke Detector • Ion Mobility Spectrometer • PCB Analyzers • Portable Scanner • Suspended Particulate Matter Detector • Tritium Based Devices • X-ray Diffractometer • X-ray Fluorescence Device (Cabinet Type) • X-ray Fluorescence Device (Hand Held) • X-ray Fluorescence Device (Hand Held) • X-ray Inspection System • X-ray Tubes for above X-ray Based Equipment 	Consumer Product and Scanning Facility	End User- Consumer Product and Scanning Facility
		Supplier- Consumer Product and Scanning Facility
<ul style="list-style-type: none"> • Container Scanner(Drive By) • Container Scanner(Drive Through) • Vehicle Scanner Fixed • Vehicle Scanner Mobile • Vehicle Scanner (Isotope Based) • Vehicle Scanner (X-ray Based) • Container Scanner(Drive By) • Container Scanner(Drive Through) • Vehicle Scanner Fixed • Vehicle Scanner Mobile • Vehicle Scanner (Isotope Based) • Vehicle Scanner (X-ray Based) 	Consumer Product and Scanning Facility	Radiation Facility – Vehicle Scanner(for End User)
		Supplier- Vehicle Scanner
<ul style="list-style-type: none"> • Nuclear /Nucleonic Gauge (without source) • Nuclear /Nucleonic Gauge (with source) 	Nucleonic Gauge Device	Radiation Facility- Nucleonic Gauge (for End User)

<ul style="list-style-type: none"> • Nucleonic Gauge for Moisture Measurement • Nucleonic Gauge for Level Measurement • Nucleonic Gauge for Density Measurement • Nucleonic Gauge for Elemental Analysis • Nucleonic Gauge for Air Pressure Measurement • Analyzer for Ash Monitoring in Coal Washery 		Supplier- Nucleonic Gauge
		Manufacturer- Nucleonic Gauge
<ul style="list-style-type: none"> • Well Logging Sources(Gamma & Neutron Logging) 	Well Logging	Radiation Facility- Well Logging(for End User)
<ul style="list-style-type: none"> • Industrial Accelerator (DC) (IARPF) • Industrial Accelerator(Pulse) (IARPF) 	Industrial /Research Accelerator Facility	Radiation Facility IARPF(for End User)
		Supplier – IARPF
<ul style="list-style-type: none"> • Research Accelerator (Energy <10 MeV) • Research Accelerator Energy > 10 MeV 	Industrial /Research Accelerator Facility	Radiation Facility-Research Accelerator(for End User)
		Supplier – Research Accelerator
<ul style="list-style-type: none"> • Industrial Gamma Radiography Device with Source • Industrial Gamma Radiography Device without Source • Industrial X-ray Machine • Accelerator used for Non-destructive Testing • Betatron used for Non-destructive Testing • Crawler (X-ray Machine) for Non-destructive Testing • Sources for Industrial Gamma Radiography Device 	Industrial Radiography	Radiation Facility –Industrial Radiography Institute(for End User)
		Contract Awarding Party- A Agency Which Engaged a Radiography Company or Radiography Work
		Supplier–Industrial Radiography Device
		Manufacturer–Industrial Radiography Device
		Manufacturer–Industrial Radiography Source
<ul style="list-style-type: none"> • Gamma Irradiation Chamber(GIC) • Blood Irradiator • Gamma Irradiator(Category I) 	Gamma Irradiation Chamber	Radiation Facility- Gamma Irradiation Chamber(for End User)
		Supplier- Gamma Irradiation Chamber
		Manufacturer- Gamma Irradiation Chamber
<ul style="list-style-type: none"> • Gamma Radiation Processing Facility • Gamma Irradiator (Category II, III & IV) 	Gamma Radiation Processing Facility	Radiation Facility-GRAPF(for End User)
		Supplier- GRAPF
<ul style="list-style-type: none"> • Medical Cyclotron 	Medical Cyclotron Facility	Radiation Facility- Medical Cyclotron(for End User)
		Supplier- Medical Cyclotron
<ul style="list-style-type: none"> • Calibration Exposure Device (without Source) • Calibration Exposure Device (with Source) 	Calibration	Radiation Facility- Calibration (for End User)
		Supplier- Calibration

<ul style="list-style-type: none"> Disposal of Radiation Sources(DAE Facility) 	Transport	DAE Facility
<ul style="list-style-type: none"> Package Designed for Transportation of Radiation Sources 	Transport	Manufacturer- Package
B. MEDICAL & RESEARCH APPLICATIONS OF RS/RGE		
Radiation Generating Equipment/ Source	Practice	Institute Role
<ul style="list-style-type: none"> Bone Mineral Densitometer(BMD) C-arm X-ray Equipment Computed Tomography(CT) equipment Dental Cone Beam CT Equipment Dental Hand-Held X-ray Equipment Dental Intra Oral X-ray Equipment Interventional Radiology equipment Mammography X-ray Equipment Ortho Pantomography (OPG) X-ray Equipment Radiography(Fixed) X-ray Equipment Radiography(Mobile) X-ray Equipment Radiography(Portable) X-ray Equipment X-ray Tubes for above Diagnostic Modalities 	Diagnostic Radiology	Medical Diagnostic X-ray Facility(for End User)
		Service Agency(for QA Service Providers)
		Supplier - X-ray Tube
		Supplier-X-ray Equipment
		Manufacturer of X-ray Tube
		Manufacturer of X-ray Equipment
<ul style="list-style-type: none"> Sources/Equipment for Diagnosis and Therapy Procedures Nuclear Medicine. 	Nuclear Medicine	Nuclear Medicine Facility
		Supplier- Nuclear Medicine Source
		Manufacturer- Nuclear Medicine Source
		Supplier- Nuclear Medicine Equipment
<ul style="list-style-type: none"> Applications Using Unsealed Source Un-sealed Sources to be used for <u>Academic and Scientific Research Purpose</u> 	Research	Radiation Facility- Research- (Unsealed for End User)
<ul style="list-style-type: none"> Radio Immuno Assay (RIA Kits) 	Radio Immuno Assay	Radiation Facility-RIA/IRMA (for End User)
<ul style="list-style-type: none"> Applications Using Sealed Sources Sources to be used for Calibration of TLD Monitoring Instrument Sources used for Calibration of Photo Spectrometer Reference Sources Check Sources 	Sealed Sources	Radiation Facility-Sealed Sources
		Supplier- Sealed Sources

<ul style="list-style-type: none"> • CT simulator • Cyber Knife Unit • Gamma Knife Unit • Intra Operative Radio Therapy Equipment • kV Imaging System • Manual After Loading Brachytherapy Equipment • Medical Accelerator Unit • Remote Afterloading Brachytherapy Equipment • Simulator • Telecobalt Equipment • Tomotherapy Equipment 	Radio Therapy	Radiation Facility(for End User)
		Supplier
		Manufacture

In case, you could not find the equipment / source listed above, you may contact at our help desk no. 022-25990675 during working days between 10:00 AM - 05:00 PM for further guidance.