ATOMIC ENERGY REGULATORY BOAR

GUIDELINES FOR eLORA INDUSTRIAL RADIOGRAPHY MODULE

Quick reference to the users of Industrial Radiography Module (Page no 03-08 of this document, please click on the topic to follow the link)

- 1. Industrial Gamma Radiography Exposure Device for Open Field Radiography
- 2. Industrial X-ray Machine or Accelerator for Open Field Radiography
- 3. Industrial Gamma Radiography Exposure Device for Enclosed Radiography
- 4. Industrial X-ray machines or Accelerator for Enclosed Radiography

Detailed guidelines (from page no. 10 onwards, please click to open the table of contents).

30-11-2016

1. Regulatory Processes in eLORA for Open Field Industrial Radiography using Industrial Gamma Radiography Exposure Device (IGRED)

Steps	Purpose	Regulatory Form	Reference
		t Time Licence	
	Registration of Institute into eLORA		
Step 1	System	Register Institute	Click here
C1 2	Comment of the Comment	A	Click here
Step 2	Source storage facility Approval	Approval of Source Storage Facility	Clint to an
	Addition of registered radiation professional(Radiographer or Site in	Add Employee/after Padiation	Click here
Step 3	Charge) in to institute profile	Add Employee(after <u>Radiation</u> Professional Registration)	
Step 5	Approval of Radiographer or Site in	Professional Registration)	Click here
Step 4	Charge	Nominate Employee	Click Here
экср т	Addition of Survey meters, Pocket	Tronmute Employee	Click here
	Dosimeters and Emergency Handling		Click Here
Step 5	tools	Add Instrument	
Ctop c	10015	7.00	Click here
Step 6	Approval of RSO	Nominate RSO	
	Obtaining procurement permission	Application for Procurement of	Click here
Step 7	of equipment	Radiography Devices	
			Click here
Step 8	Intimation of receipt of equipment	Equipment Receipt Intimation	
	Obtaining procurement permission		Click here
	of Source (If the device is procured		
Step 9	without source)	Application for Source Procurement	
Stop 10	Intimation of receipt of source	Course Passint Intimation	Click here
Step 10	Intimation of receipt of source Obtaining Licence to Radiography	Source Receipt Intimation	Click here
Step 11	Facility	Licence for Industrial Radiography Facility	Click Here
Step 11	Obtaining licence for operation of	Permission to Operate Radiography	Click here
Step 12	equipment	Devices	Click Here
Step 12		nent of Source in Device	
	Obtaining replacement approval of	Terre of Jource III Device	Click here
Step 1	source	Application for Source Procurement	Chek Here
			Click here
Step 2	Intimation of receipt of source	Source Receipt Intimation	
	•	of Radiography Device	
		Application for Movement of IGRED/X-	Click here
Step 1	Obtaining Movement Permission	Ray Device / Portable Accelerator	
	Intimation of Receipt of the device at		Click here
	proposed site (except for " Call Basis"		
Step 2	type of movement)	Movement Receipt Intimation	
	Obtaining extension of movement	Application for Extension of Approval of	Click here
Step 3	permission issued for a particular site	Source Movement	
·	•	sale of Device	
	Obtaining transport permission of		Click here
Step 1	disused radioactive source	Transport of Registered Source	

	Intimating disposal of radioactive		Click here
Step 2	source	Intimation of Export/Transport/Disposal	
	Release of the device by seller		Click here
	institute (After disposal of the source		
Step 3	in case IGRED)	Consent for Release	
	Obtaining Procurement approval by	Application for Procurement of	Click here
Step 4	the buyer institute	Radiography Devices	
			Click here
Step 5	Intimation of receipt of equipment	Equipment Receipt Intimation	
	Obtaining procurement permission		Click here
Step 6	of Source	Application for Source Procurement	
			Click here
Step 7	Intimation of receipt of source	Source Receipt Intimation	
	Obtaining Licence to Radiography		Click here
Step 8	Facility (if the facility is new)	Licence for Industrial Radiography Facility	
	Obtaining licence for operation of	Permission to Operate Radiography	Click here
Step 9	equipment	Devices	
	Decommi	ssioning of the device	
	Obtaining transport permission of		Click here
Step 1	disused radioactive source	Transport of Registered Source	
	Intimating disposal of radioactive		Click here
Step 2	source	Intimation of Export/Transport/Disposal	
	Obtaining consent for	Decommissioning of Radiography	Click here
Step 3	decommissioning	Equipment	
	Intimating decommissioning of		Click here
Step 4	equipment	Intimation of Decommissioning	
	Renewal of Appro	oval of Source Storage facility	
	Obtaining renewal of approval of		
Step 1	source storage facility	Renewal and Reapproval	Click here
	Re approval	of source storage facility	
	Release of the source storage facility	Ţ ,	Click here
Step 1	by the releasing institute	Consent for Release	
•	Obtaining the approval of the		Click here
	released source storage facility by		
Step 2	the other institute	Renewal and Reapproval	

2. Regulatory Processes in eLORA for Open Field Industrial Radiography using Industrial x-ray Machine or Accelerator

Steps			
Steps	Purpose	Regulatory Form	Reference
	First Tim	e Licence	
	Registration of Institute in to eLORA		Click here
Step 1	System	Register Institute	
Cton 2	Course storage facility Assertant	Approval of Course Storage Facility	Click here
Step 2	Source storage facility Approval	Approval of Source Storage Facility	Click here
	Addition of registered radiation professional(Radiographer or Site in	Add Employee(after Radiation	CHERTICIE
Step 3	Charge) in to institute profile	Professional Registration)	
Step 3	Approval of Radiographer or Site in	Troressional registration)	Click here
Step 4	Charge	Nominate Employee	C.I.O.I. T.O.
•	Addition of Survey meters, Pocket	. ,	Click here
	Dosimeters and Emergency Handling		
Step 5	tools	Add Instrument	
Cton C	Amount of DCO	Naminata BCO	Click here
Step 6	Approval of RSO	Nominate RSO	Click here
Stop 7	Obtaining procurement permission of	Application for Procurement of Radiography Devices	Click fiele
Step 7	equipment	Radiography Devices	Click here
Step 8	Intimation of receipt of equipment	Equipment Receipt Intimation	CHERTIEFE
		Licence for Industrial Radiography	Click here
Step 11	Obtaining Licence to Radiography Facility	Facility	
	Obtaining licence for operation of	Permission to Operate Radiography	Click here
Step 12	equipment	Devices	
	Movement of Ra	diography Device	
		Application for Movement of	Click here
Step 1	Obtaining Movement Permission	IGRED/X-Ray Device / Portable Accelerator	
Step 1		Accelerator	Click here
	Intimation of Receipt of the device at proposed site (except for " Call Basis"		CHERTICIE
Step 2	type of movement)	Movement Receipt Intimation	
otep 2	Obtaining extension of movement	Application for Extension of	Click here
Step 3	permission issued for a particular site	Approval of Source Movement	
		of Device	
			Click here
Step 1	Release of the device by seller institute	Consent for Release	
	Obtaining Procurement approval by the	Application for Procurement of	Click here
Step 2	buyer institute	Radiography Devices	
Step 3	Intimation of receipt of equipment	Equipment Receipt Intimation	Click here
step s	<u> </u>		Click here
Step 4	Obtaining Licence to Radiography Facility (if the facility is new)	Licence for Industrial Radiography Facility	CHCK HEIE
Step 4	(II the facility is flew)	racinty	

Step 5	Obtaining licence for operation of equipment by buyer institute	Permission to Operate Radiography Devices	Click here	
	Decommissioni	ng of the device		
Step 1	Obtaining consent for decommissioning	Decommissioning of Radiography Equipment	Click here	
Step 2	Intimating decommissioning of equipment	Intimation of Decommissioning	Click here	
	Renewal of Approval of Source Storage facility			
	Obtaining renewal of approval of source			
Step 1	storage facility	Renewal and Reapproval	Click here	
	Re approval of sou	rce storage facility		
	Release of the source storage facility by		Click here	
Step 1	the releasing institute	Consent for Release		
	Obtaining the approval of the released		Click here	
	source storage facility by the other			
Step 2	institute	Renewal and Reapproval		

3. Regulatory Processes in eLORA for Enclosed Industrial Radiography using Industrial Gamma Radiography Exposure Device (IGRED)

Steps	Purpose	Regulatory Form	Reference	
	First Time Licence			
	Registration of Institute in to eLORA		Click here	
Step 1	System	Register Institute	ļ	
	Obtaining site and lay out approval of		Click here	
Step 2	proposed radiography enclosure	Layout Approval for Enclosure		
	Obtaining approval of Radiography		Click here	
	enclosure for routine use after			
Step 2	construction	Permission to Use Enclosure:		
	Addition of registered radiation		Click here	
	professional(Radiographer or Site in	Add Employee(after Radiation		
Step 3	Charge) in to institute profile	Professional Registration)		
			Click here	
Step 4	Approval of Radiographer or Site in Charge	Nominate Employee		
	Addition of Survey meters, Pocket		Click here	
Step 5	Dosimeters and Emergency Handling tools	Add Instrument		
Class C	A	No original a DCO	Click here	
Step 6	Approval of RSO	Nominate RSO		
	Obtaining procurement permission of	Application for Procurement of	Click here	
Step 7	equipment	Radiography Devices		
Step 8	Intimation of receipt of equipment	Equipment Receipt Intimation	Click here	
	Obtaining procurement permission of			
	Source (If the device is procured without	Application for Source		
Step 9	source)	Procurement	Click here	

Step 10	Intimation of receipt of source	Source Receipt Intimation	Click here
C1 - 14	Objective the control Bullion of Earth	Licence for Industrial	Clint In
Step 11	Obtaining Licence to Radiography Facility	Radiography Facility	<u>Click here</u>
Step 12	Obtaining licence for operation of equipment	Permission to Operate Radiography Devices	Click here
Step 12	Re-Procurement o		CHERTICIE
	Ne Frocurement o	Application for Source	Click here
Step 1	Obtaining replacement approval of source	Procurement	
			Click here
Step 2	Intimation of receipt of source	Source Receipt Intimation	
	Movement of Rac	1	I
		Application for Movement of	Click here
Cton 1	Ohtoining Mayamant Damaiasian	IGRED/X-Ray Device / Portable	
Step 1	Obtaining Movement Permission	Accelerator	Click here
	Intimation of Receipt of the device at		Click fiere
Step 2	proposed site (except for " Call Basis" type of movement)	Mayamant Passint Intimation	
Step 2	•	Movement Receipt Intimation	Click here
Step 3	Obtaining extension of movement permission issued for a particular site	Application for Extension of Approval of Source Movement	Click fiele
step s	Resale o		
		Device	Click here
Step 1	Obtaining transport permission of disused radioactive source by seller institute	Transport of Registered Source	CHCK HEIE
экср 1	Intimating disposal of radioactive source	Intimation of	Click here
Step 2	seller institute	Export/Transport/Disposal	Chek here
Step 2	Schel Histitute	Export Transport Disposar	Click here
Step 3	Release of the device by seller institute	Consent for Release	
	Obtaining Procurement approval by the	Application for Procurement of	Click here
Step 4	buyer institute	Radiography Devices	
			Click here
Step 5	Intimation of receipt of equipment	Equipment Receipt Intimation	
	Obtaining procurement permission of	Application for Source	Click here
Step 6	Source by buyer institute	Procurement	
	Intimation of receipt of source by buyer		
Step 7	institute	Source Receipt Intimation	<u>Click here</u>
CI. C	Obtaining Licence to Radiography Facility	Licence for Industrial	CIT I
Step 8	(if the facility is new)	Radiography Facility	<u>Click here</u>
C 1 C	Obtaining licence for operation of	Permission to Operate	Oli I I
Step 9	equipment by buyer institute	Radiography Devices	<u>Click here</u>
	<u>Decommissionir</u>	ng of the device	Click hors
Cton 1	Obtaining transport permission of disused	Transport of Docists and Course	Click here
Step 1	radioactive source	Transport of Registered Source	Click here
Stop 2	Intimating disposal of radioactive source	Intimation of	Click Here
Step 2	(for IGRED)	Export/Transport/Disposal Decommissioning of Radiography	Click here
Step 3	Obtaining consent for decommissioning	Equipment	CIICK HEIE
	Intimating decommissioning of equipment	Intimation of Decommissioning	Click here
Step 4	Renewal of Approval of		Click Here
	nenewal of Approval of	The stability Eliciosuic	

Step 1	Obtaining renewal of approval Radiography Enclosure	Renewal and Reapproval	Click here
-	Re approval of Radi	ography Enclosure	
	Release of the radiography enclosure by		Click here
Step 1	the releasing institute	Consent for Release	
	Obtaining the approval of the released		Click here
	radiography enclosure by the other		
Step 2	institute	Renewal and Reapproval	

4. Regulatory Processes in eLORA for Enclosed Industrial Radiography using Industrial X-ray machines or Accelerator

Steps	Purpose	Regulatory Form	Reference	
	First Time Licence			
Step 1	Registration of Institute in to eLORA System	Register Institute	Click here	
Step 2	Obtaining site and lay out approval of proposed radiography enclosure	Layout Approval for Enclosure	Click here	
Step 3	Obtaining approval of Radiography enclosure for routine use after construction	Permission to Use Enclosure:	Click here	
Step 4	Addition of registered radiation professional(Radiographer or Site in Charge) in to institute profile	Add Employee(after Radiation Professional Registration)	Click here	
Step 5	Approval of Radiographer or Site in Charge	Nominate Employee	Click here	
Step 6	Addition of Survey meters, Pocket Dosimeters and Emergency Handling tools	Add Instrument	Click here	
Step 7	Approval of RSO	Nominate RSO	Click here	
Step 8	Obtaining procurement permission of equipment	Application for Procurement of Radiography Devices	Click here	
Step 9	Intimation of receipt of equipment	Equipment Receipt Intimation	Click here	
Step 10	Obtaining Licence to Radiography Facility	Licence for Industrial Radiography Facility	Click here	
Step 11	Obtaining licence for operation of equipment	Permission to Operate Radiography Devices	Click here	
	Movement of Radiog	graphy Device		
Step 1	Obtaining Movement Permission	Application for Movement of IGRED/X-Ray Device / Portable Accelerator	Click here	
Step 2	Intimation of Receipt of the device at proposed site (except for " Call Basis" type of movement)	Movement Receipt Intimation	Click here	
Step 3	Obtaining extension of movement permission issued for a particular site	Application for Extension of Approval of Source Movement	Click here	
	Resale of Do	evice		
Step 1	Release of the device by seller institute	Consent for Release	Click here	

Step 2	Obtaining Procurement approval by the buyer institute	Application for Procurement of Radiography Devices	Click here
Step 3	Intimation of receipt of equipment	Equipment Receipt Intimation	Click here
Step 4	Obtaining Licence to Radiography Facility (if the facility is new)	Licence for Industrial Radiography Facility	Click here
Step 5	Obtaining licence for operation of equipment by buyer institute	Permission to Operate Radiography Devices	Click here
	Decommissioning of	of the device	
Step 1	Obtaining consent for decommissioning	Decommissioning of Radiography Equipment	Click here
Step 2	Intimating decommissioning of equipment	Intimation of Decommissioning	Click here
	Renewal of Approval of Rad		
Step 1	Obtaining renewal of approval of radiography enclosure	Renewal and Reapproval	Click here
otep 1	Re approval of Radiogr		C HOK HOLD
	Release of the radiography enclosure by the		
Step 1	releasing institute	Consent for Release	Click here
Step 2	Obtaining the approval of the released radiography enclosure by the other institute	Renewal and Reapproval	Click here

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	Movement Receipt Intimation	47
	Application for Extension of Approval of Source Movement	48
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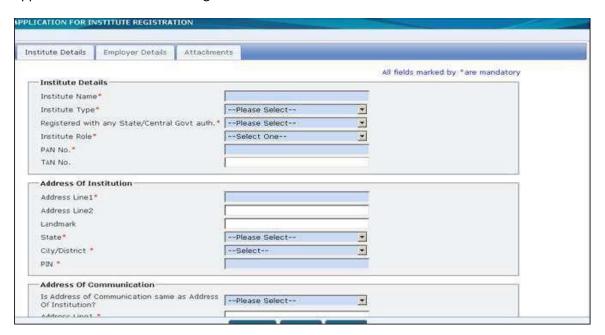
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1 Register Institute

Visit home page of AERB website www.aerb.gov.in and click on the button eLORA. It will redirect you to eLORA system.



Click on Register Institute (see above figure) link available on eLORA home page. This will open application form for Institute Registration.



Fill the application form as per the guidelines. However, important points in each tab are mentioned below:

Tab Institute Details:

• **Institute Name:** Ensure to provide correct institute name in application form.

Tab Employer Details:

- Name: Fill the complete name of employer as appearing in his/her document for Proof of Identity/Date of Birth (DOB) to be attached.
- **Date of Birth:** Fill the DOB as appearing in the proof of identity/DOB to be attached.
- **Document/card for proof of identity and date of birth** (of employer): Select one from the drop down. (Soft copy of this is a mandatory attachment).

- Document/Card No. (of Proof of Identity/DOB): Must match with the proof of identity/DOB attached.
- **E-mail (O):** Will be used to send USERNAME and PASSWORD of your e-LORA account and for all future communications. (Make sure to provide correct email address).

Attachments

Upload of following attachments are mandatory:

- **Proof of Identity and Date of Birth** (of employer): Acceptable documents are as follows:
 - ✓ Passport
 - ✓ PAN card issued by Income Tax Department
 - ✓ Driving Licence issued by RTO
- ✓ Photo identity document/card having serial number and date of birth issued by Central/State Government or PSU
- **Proof of Employer ship:** Example: (i) Appointment Letter of Employer, (ii) Board Resolution, (iii) Any Govt./PUC document substantiating proprietorship (iv) Partnership deed (notorised)
- Upload scan copy of any one of the document listed below (in the relevant position) for the proof of existence of institute (The institute name and address mentioned in the application form must match with any of the attached document):
 - ✓ PAN of Institute
 - ✓ TAN of Institute
 - ✓ Registration with State/Central/Local Government Authority
- Upload Police verification certificate of the employer

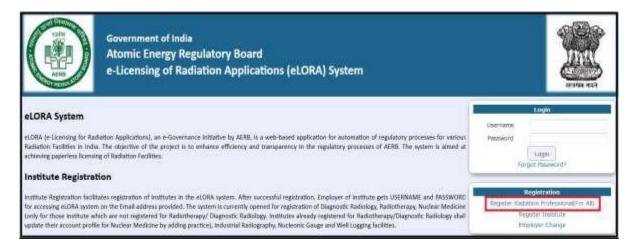
Enter the Captcha and submit the application form.

You will get acknowledgement message upon successful submission of application form. The copy of submitted application (.pdf file) can be downloaded for which link will be provided (pl. note, this link will be active for a short period). You will also receive an acknowledgement mail with the copy of your application form (.pdf file) in your email (email address of employer as provided in the application form).

Application for Institute Registration will be scrutinized by AERB. After the approval of institute registration by AERB, you will receive user ID and password in your registered email (email address of Employer, as provided in the application form).

2 Register Radiation Professional (RP)

Site in charge(s) or Radiographer(s) should register as Radiation Professional in eLORA. Application form for Radiation Professionals registration is available on eLORA home page. Once RP application is approved, person is registered in eLORA as RP and RP Registration Id., Username and Password (User and password of RP account) is sent to the registered email id of the radiation professional. Only registered RP can be associated with an institution through his/her RP registration Id.



Important Note: Detail guidelines to fill application form for RP registration is available on eLORA home page. It is advised to read the guidelines and keep soft copy of required attachments ready before start filling application form.

3 Procedure for logging in to eLORA system

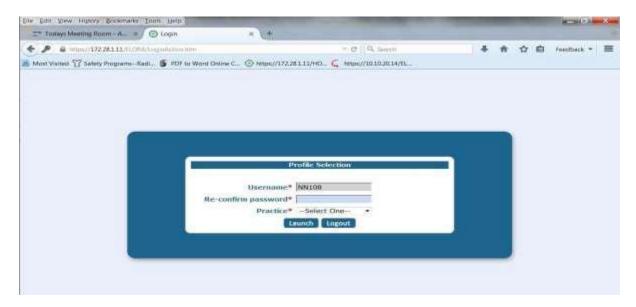
Procedure is as follows: Step 1.

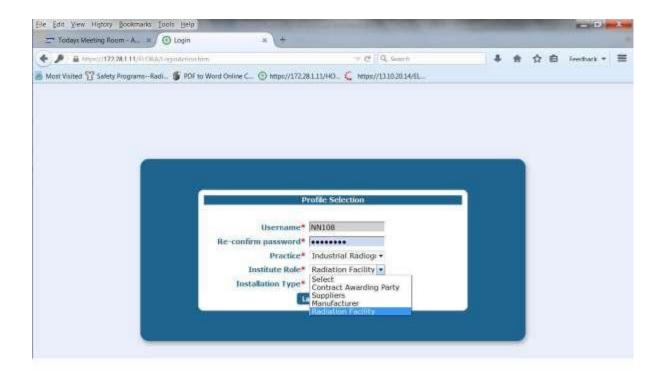
From the AERB web page (www.aerb.gov.in) click on eLORA to open the home page of eLORA, then the following screen will appear.

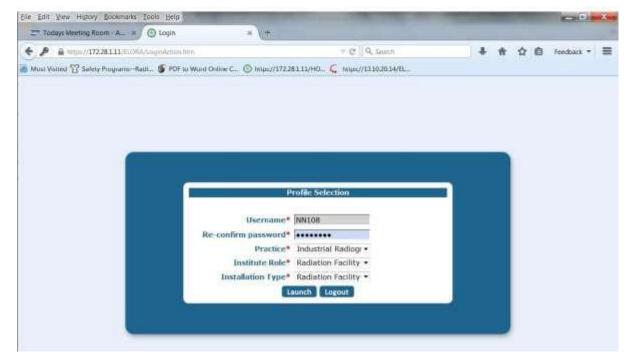


Step-2.

After providing Employer's Username and Password, System will navigate to Profile selection page if multiple practices are available in the Institute, then you have to select the practice as "Industrial Radiography".

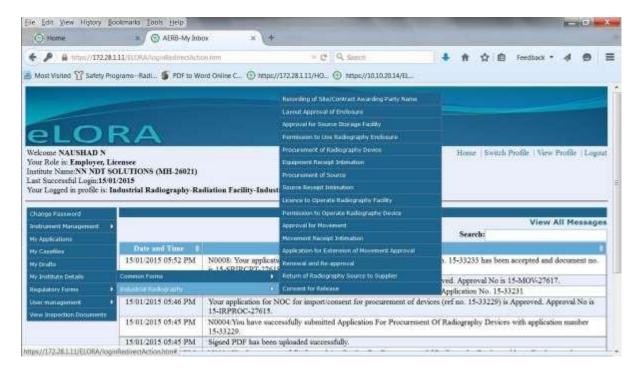






If only one practice is available for the institute, the system will directly display the HOME page of your profile.

In the Home Page, you have to select the "Regulatory Forms" tab and "Industrial Radiography" to view the various forms as shown below



4 Addition of Employee





In drop down for Type of Employee, three options available as follows:

- **Radiation Worker:** this is to add non-RP radiation workers eg. Trainee radiographer
- **Non Radiation Worker**: this is to add employee to be nominated as Licensee who is not a radiation worker
- Radiation Professional: this is to add registered Radiation Professionals, eg. Certified Radiographer/Site in Charge

While adding RP, system will ask RP registration ID and Date of birth of RP. (Obtain these details from the Radiation Professional).



In the form for adding Radiation Professional,

- Enter **Registration ID** and Date of birth of RP personal detail of RP will come automatically.
- In case RP is Employer of Institute, select 'Yes' for 'whether the person is also Employer of the Institute?'
- Provide Date of Joining (of service in your institute), PMS No. (i.e. complete TLD No.), Department and Designation, Provide Email (0)
- Browse and upload scan copy of joining /confirmation letter of employee and click on Submit

To upload "Attachment for uploading copy of Joining/Confirmation", you can attach a Scanned copy of the Joining/confirmation letter of the added staff.

5 Declaration of Instrument

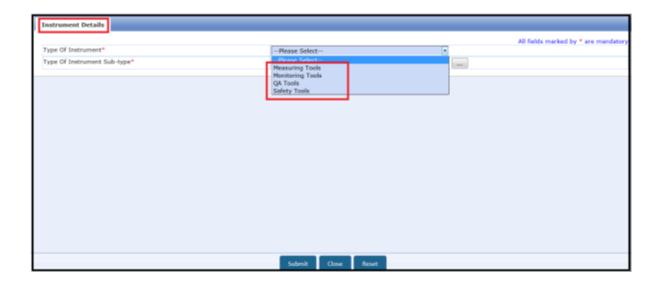
Monitoring (Viz. Survey meter and pocket dosimeter), Emergency and Safety Tools can be declared one time in your eLORA account through Instrument Management menu. The status of instruments (viz. proposed/available, update in calibration date, etc) can also be managed through this menu.



Add Instrument

Instruments are classified in to below four types:

- Measuring instruments
- Monitoring instruments
- QA tools
- Safety tools



5.2 Manage Instrument Status

Use Menu: Instrument Management → View Instrument to manage status of Instrument

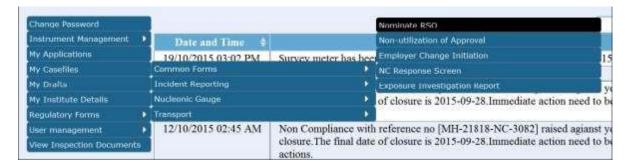


After clicking on "View Instrument", you can view details of all instruments or update details of particular instrument or delete any particular Instrument from your Institute account. Select the instrument and click on "View" as shown below.

6 Obtaining RSO approval

Radiological Safety Officer (RSO) approval process can be initiated by Employer.

Use Menu: Regulatory form ——▶Common Forms ——▶Nominate RSO to access RSO nomination form

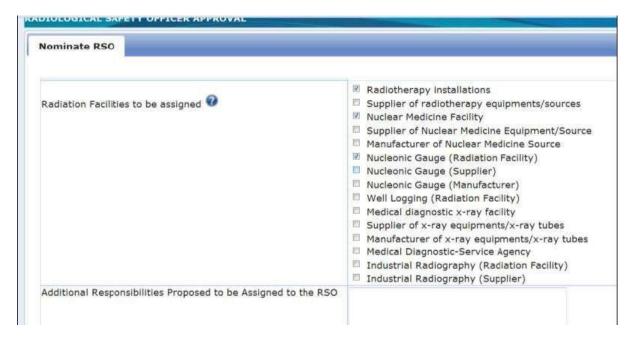


On clicking 'Nominate RSO' the following form will appear



Nominate RSO (for first time approval in the institute)

Nominate RSO" is applicable for nominating the employee for RSO of the institute for the first time. Select Radiation Professional to be nominated for RSO. The details of the selected RP employee will be populated automatically in the rest of the fields. Click on the button "Nominate". The following screen will appear:

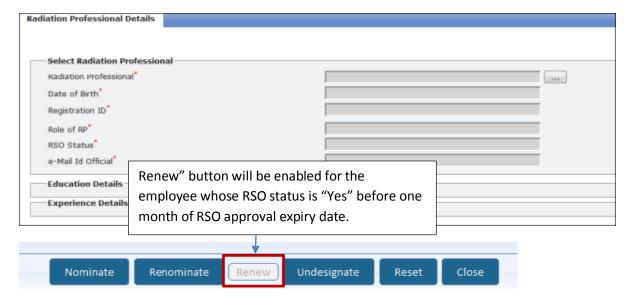


Select the appropriate radiation facilities for which the candidate is to be nominated (as shown above).

After successful submission of form as per the standard procedure of eLORA, form will be scrutinized by AERB. After approval of the RSO Nomination, Employer and approved RSO will receive intimation email. A copy of the approval letter will also be emailed to RSO's email Id (O).

RSO renewal (renewal on expiry of RSO approval)

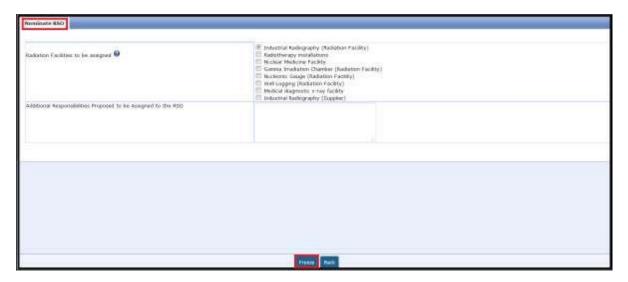
Renewal of RSO can be initiated by employer of the facility. From the employee list, only such employee can be selected whose RSO status is "Yes".



On clicking on 'renew' button, the application form is generated which needs to be freezed and submitted as per the standard procedure of eLORA.

RSO Renomination (to add or remove roles of the RSO)

Only approved RSOs of the institution can be renominated for addition/removal of radiation facilities for which the RSO will be responsible. Renomination button will be deactivated for the employee whose RSO status is "Yes" one month before expiry of RSO approval validity.



Click on 'freeze' button and submit the form as per standard procedure of eLORA.

RSO Undesignate (to remove RSO roles completely)

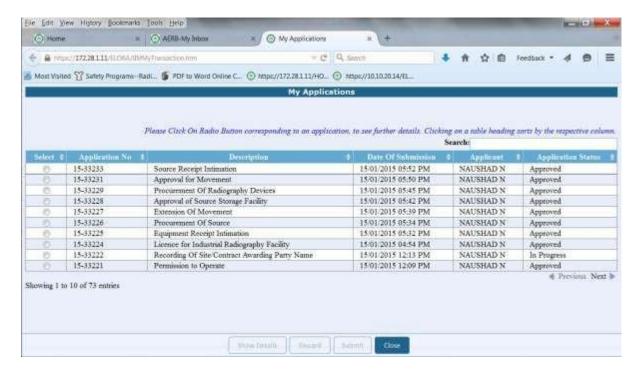
In case, employer wants to withdraw the role of RSO from an approved RSO, the same can be initiated through "Undesignate" option. Only approved RSOs can be undesignated and he/she will no longer be RSO of the institute. However, he/she will continue to be employee of the institute.



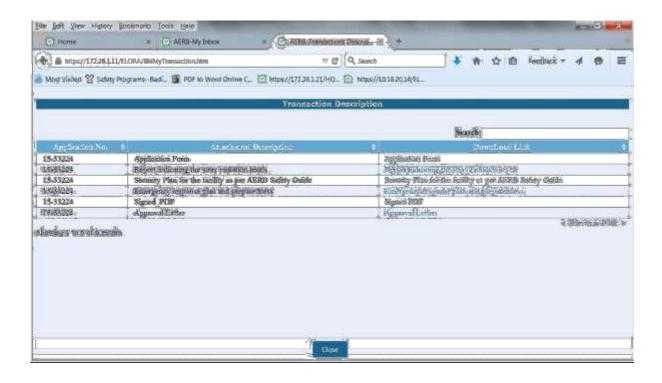
7 Procedure to View the Status of Applications Submitted In e-Lora

The status of application submitted in e-Lora can be seen in the "My Application" tab in the Home page. From the "My Application" tab, you can also down load the approval letters issued by AERB.

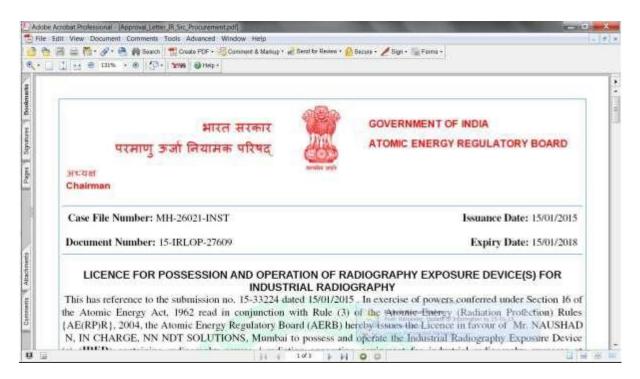
You need to select - My Application \rightarrow Application No. \rightarrow Show Details



Once you click on show details you can view all the submissions like application forms, attachments and approval letters pertaining to that application. The approval letters can be downloaded from this section.



The approval letters can be downloaded from this section



8 Procedure for Submission of Industrial Radiography Application in eLORA

In the following section the procedure for filling each form will be described.

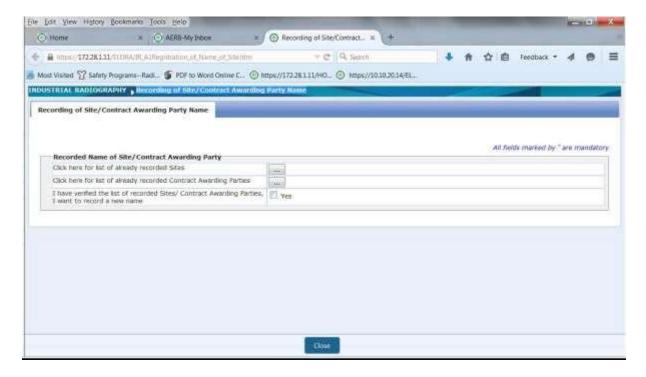
Recording of Site/Contract Awarding Party Name:

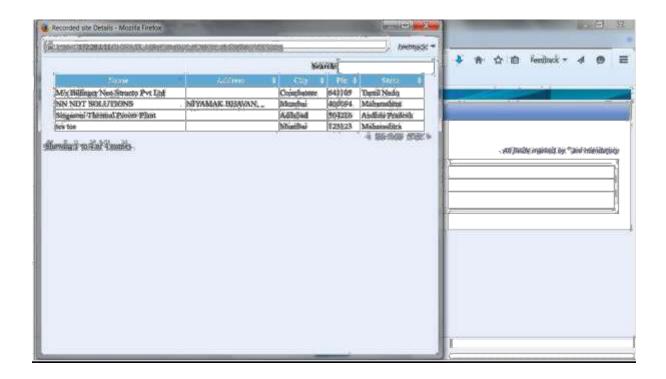
This form is designed to record the name of the radiography site or contract awarding party in the e-Lora system, so that the duplicate data of the site or contract awarding party can be avoided. It may be noted in all other forms the institute cannot enter the name of the radiography site or contract awarding party, but can only select it from the recorded data. Therefore for all new site or contract awarding party, the institute is required to fill this form. Before filling up the form the institute is required to search the data of site or contract awarding party as shown below.

Selection of Form:

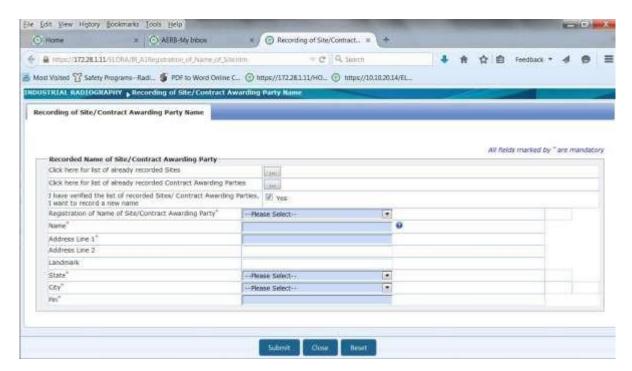
Regulatory Form \rightarrow Industrial Radiography \rightarrow Recording of Site/Contract Awarding Party Name

Before entering the name of new site, please verify the name of the site/contract awarding party already exists by clicking "Click here for list of already recorded sites" Or "Click here for list of already recorded Contract Awarding Parties".





If the site or contract awarding party name is not in the list, then you can click yes in the field "I have verified the list of recorded Sites/ Contract Awarding Parties, I want to record a new name", so the application form will open and after filling up, the data click the submit button.

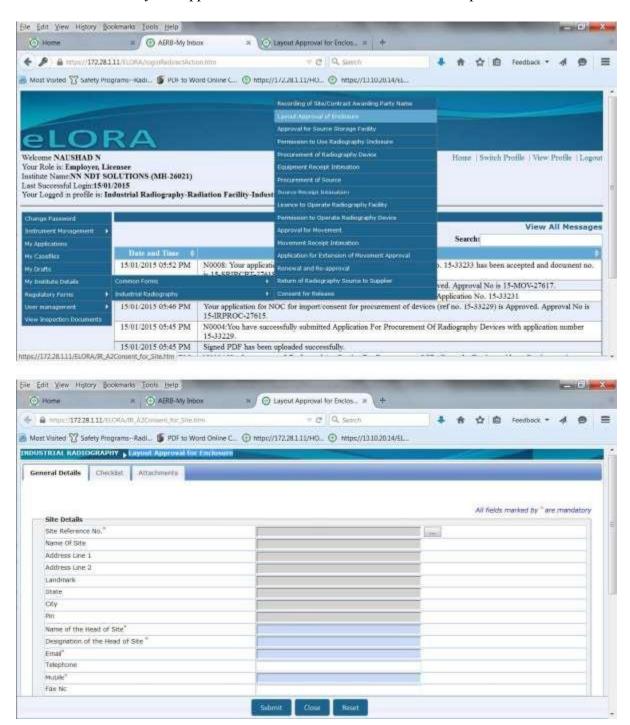


After approval, the name will be recorded in the e-LORA system and the status of the application can be verified through the "My Application: tab.

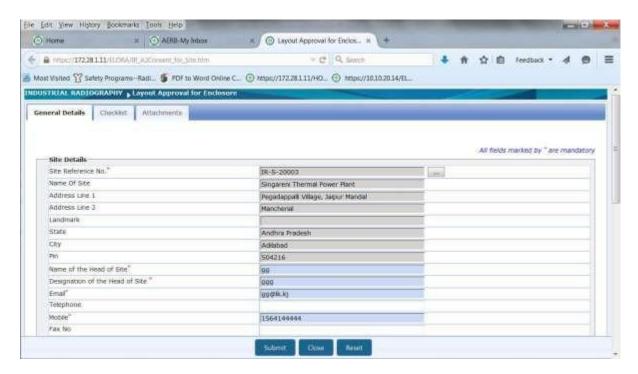
Layout Approval for Enclosure:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Lay Out Approval Enclosure

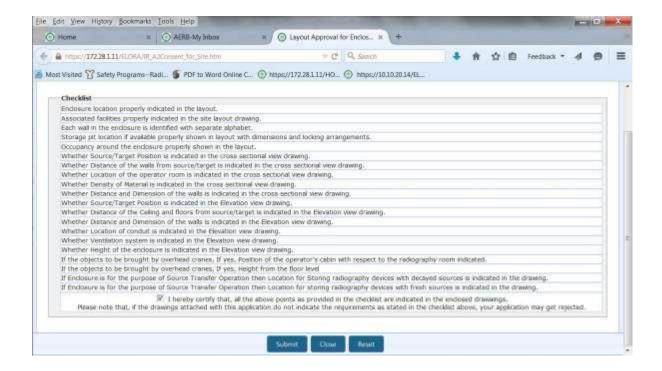
Click the "Lay out Approval Enclosure" form, then the form will open as shown below



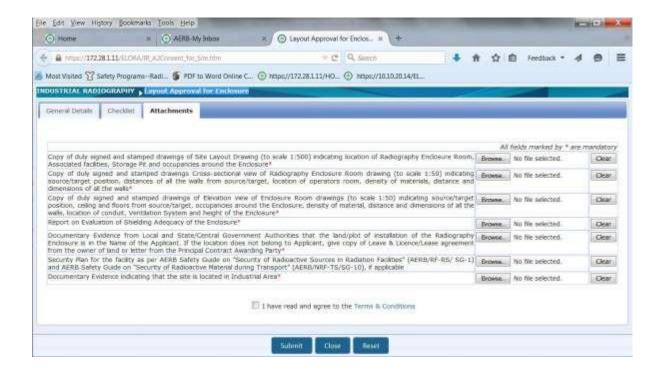
Fill/select the fields in the tab "General Details", verify the "Check List" Tab and upload the necessary attachment in the "Attachment" tab. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.



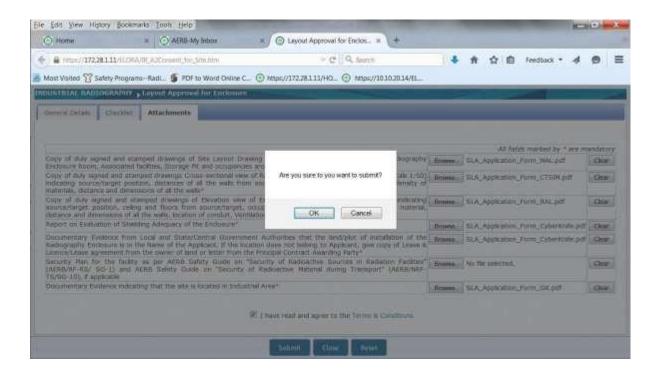
Verify the "Check List" Tab as shown below,



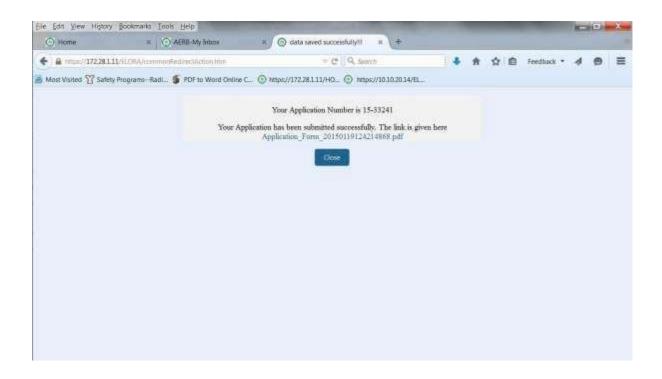
upload the necessary attachment in the "Attachment" tab as shown below;



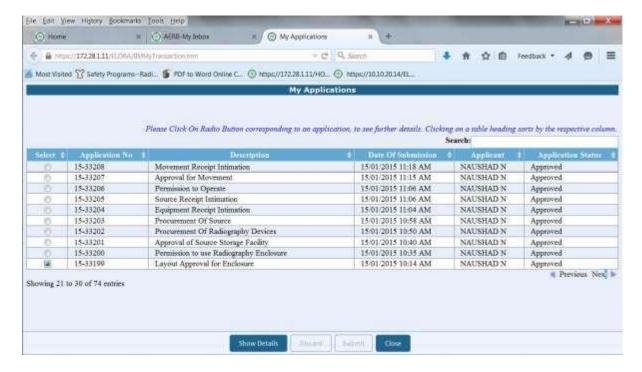
Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

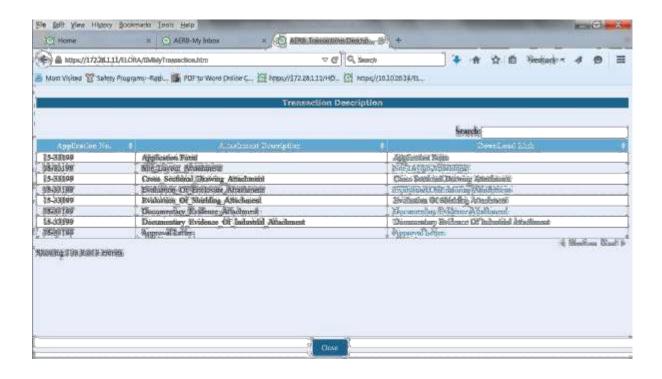


On successful submission the message will appear in the screen and the application pdf can be downloaded



The status of the application can be viewed through the "My Application" tab. and the approval letter can be downloaded from the same selection.





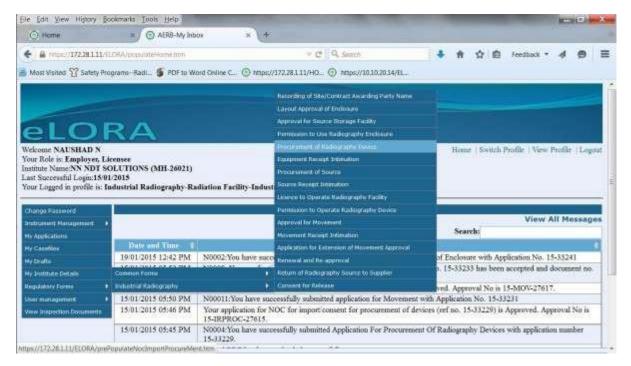
the approval letter can be downloaded from the same selection.



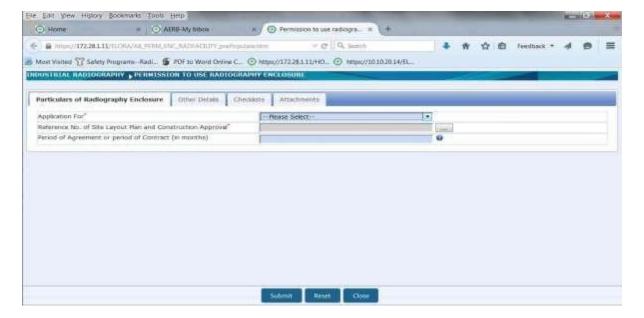
Permission to Use Enclosure:

Selection of Form: Regulatory Form → Industrial Radiography → Permission to use the Radiography Enclosure

From the "Regulatory form" tab click the "Permission to use the Radiography Enclosure" form, then the form will open as shown below. It may be noted that this form can be filled after obtaining the approval of the previously submitted application "Lay out of Enclosure" for the same enclosure.

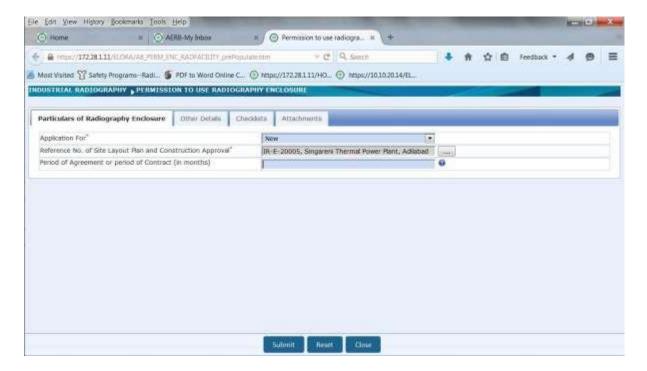


Permission to use the Radiography Enclosure" form. The reference no. of the Lay out approval is required to be selected in this form

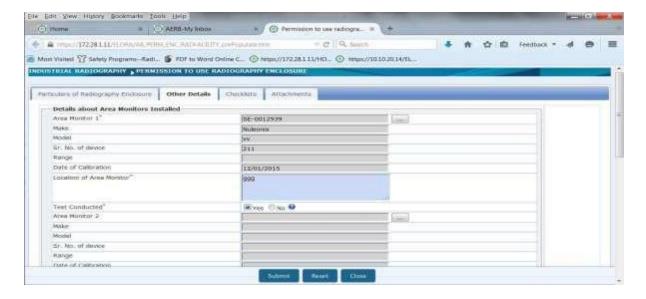


Fill/select the fields in the tab "General Details" and "Other Details" verify the "Check List" Tab and upload the necessary attachment in the "Attachment" tab. The excel attachment (Functional Performance of the safety interlocks of the enclosure and Radiation Protection survey report) is required to be downloaded, save and upload. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

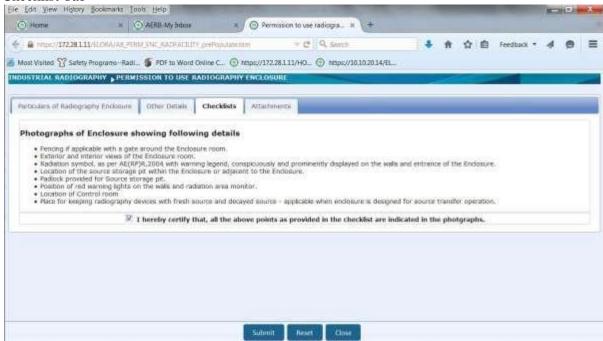
Particulars of Radiography Enclosure



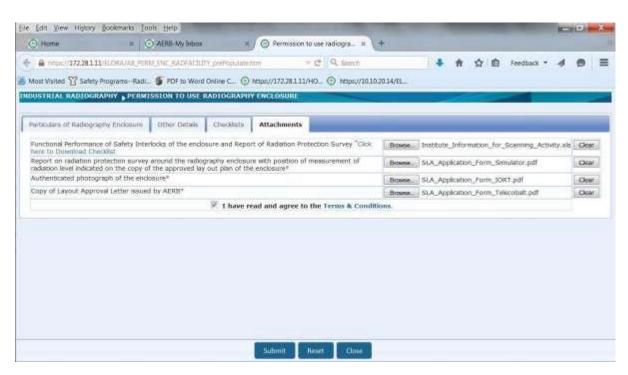
Other Details – Details of the area monitor installed in this enclosure needs to be added in the "Add Instrument" tab. List of area monitors added through the "Add Instrument" will appear here for selection.



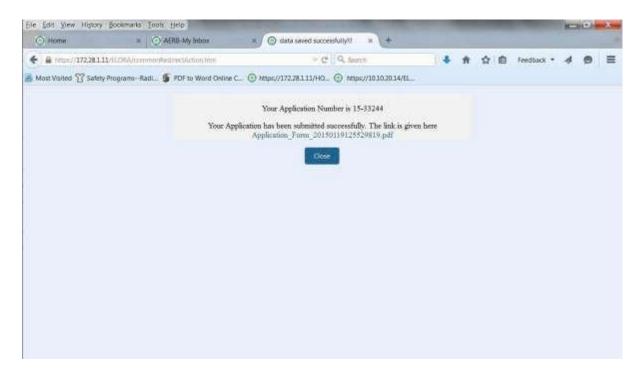
Checklist Tab-

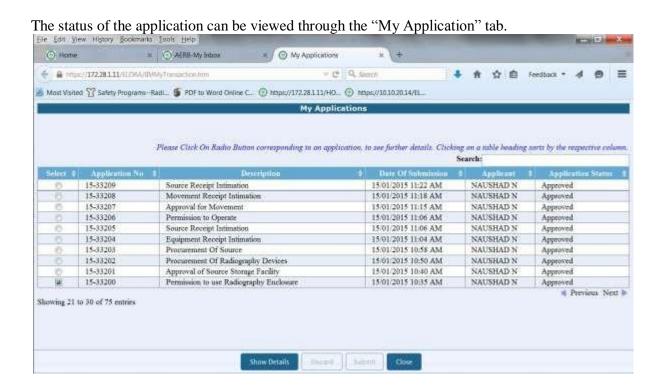


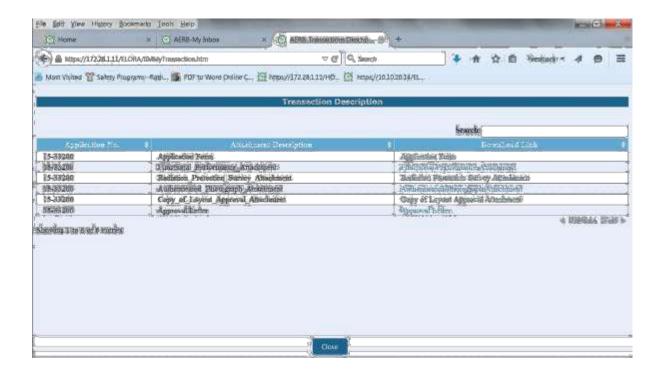
Attachment



Message after submission of Form:







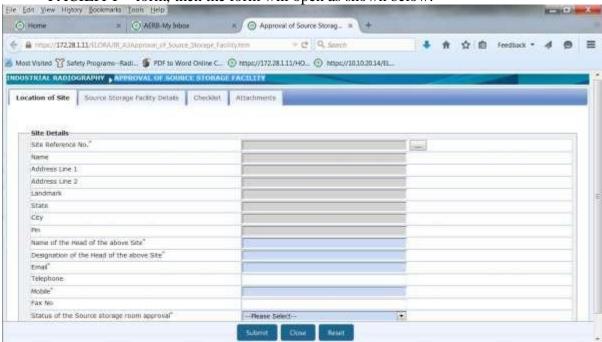
The approval letter can be downloaded.



Approval of Source Storage Facility:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Approval of Source Storage Facility

From the "Regulatory form" tab Click the "APPROVAL OF SOURCE STORAGE FACILITY" form, then the form will open as shown below.

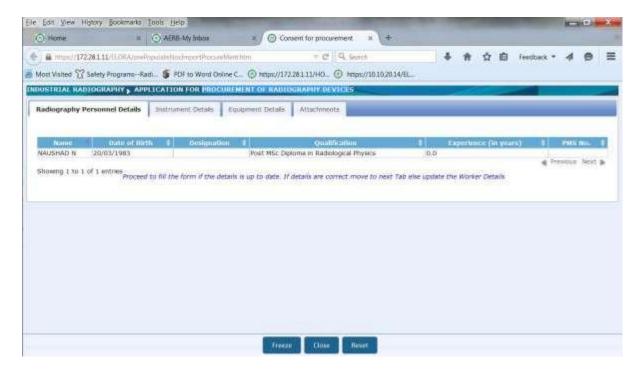


Fill/select the fields in the tab "Location of site" and "Source Storage Facility Details" verify the "Check List" tab and upload the necessary attachment in the "Attachment" tab. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

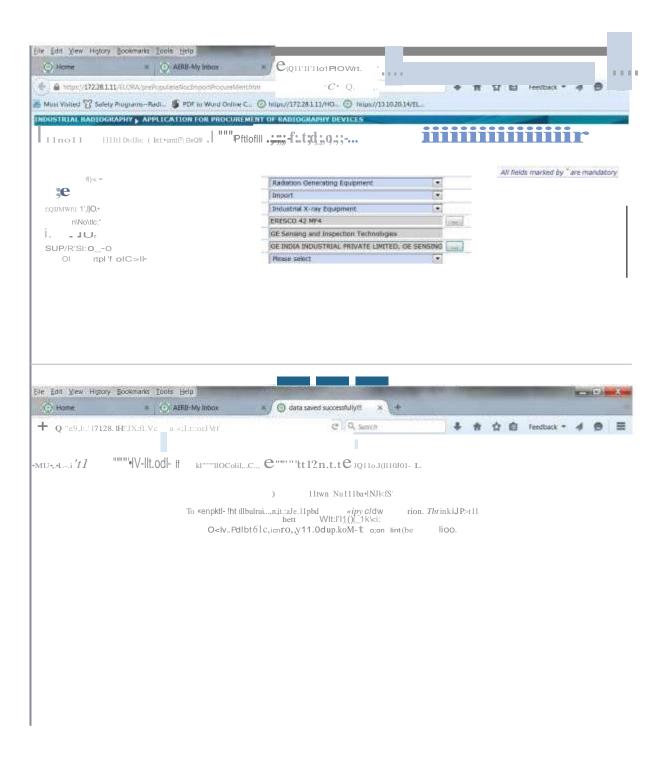
Application for Procurement of Radiography Devices:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Procurement of Radiography Device

This form can be used for the approval of procurement/import of Industrial Radiography Exposure Device. This form can be used for Fresh or Resale Device Procurement. From the Regulatory form tab click the "PROCUREMENT OF RADIOGRAPHY DEVICE "form, then the form will open as shown below.



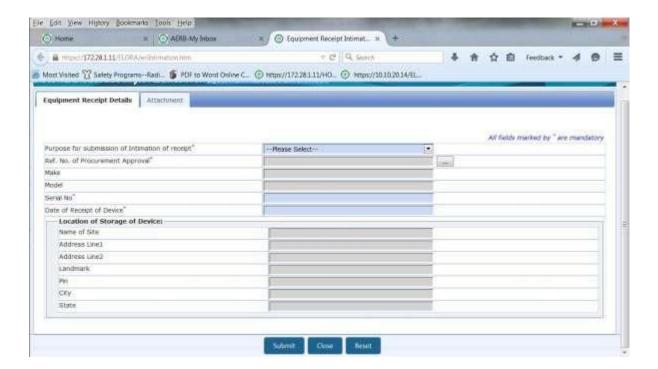
Fill/select the fields in the tab "Equipment Details" and upload the necessary attachment in the "Attachment" tab. Then click on "submit" button.



Equipment Receipt Intimation:

Selection of Form: Regulatory Form → Industrial Radiography → Equipment Receipt Intimation

Once the equipment is received, then this form is required to be filled. If the device is procured with source, then in addition to this form, Source Receipt Intimation s also required to be filled. To fill this form the Procurement approval reference no. is required to be selected. From the Regulatory form tab click the "EQUIPMENT RECEIPT INTIMATION" form, then the form will open as shown below.

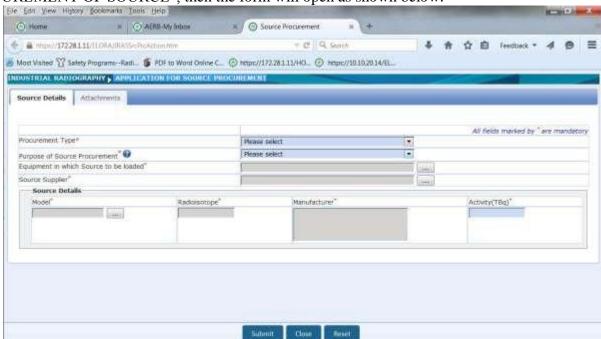


Fill/select the fields in the tab "Equipment Receipt Details" and upload the necessary attachment in the "Attachment" tab. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Application for Source Procurement:

Selection of Form: Regulatory Form → Industrial Radiography → Procurement of Source

This form can be used for procurement of Fresh, Replacement and Replenishment. The term Fresh is for the procurement of source for a newly procured device, whose Equipment receipt intimation is already submitted and Replenishment is for procurement of source for an empty device whose source is already disposed off. From the Regulatory form tab Click the "PROCUREMENT OF SOURCE", then the form will open as shown below.



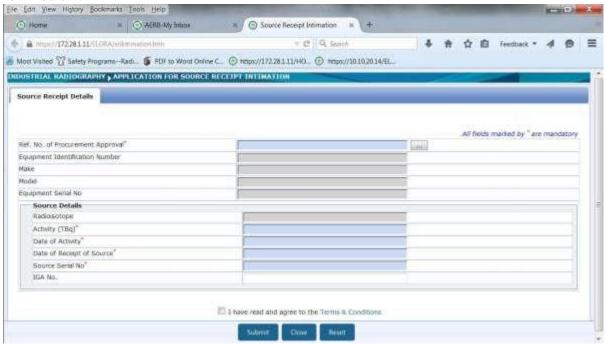
Fill/select the fields in the tab "Source Details" and upload the necessary attachment in the "Attachment" tab. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Source Receipt Intimation:

Selection of Form: Regulatory Form → Industrial Radiography → Source Receipt Intimation

This form is required to be submitted after the receipt of source (fresh, replacement or replenishment). This form is also required to be submitted after procurement of radiography device with source (along with equipment receipt intimation). From the

Regulatory form tab Click the "SOURCE RECEIPT INTIMATION", then the form will open as shown below.



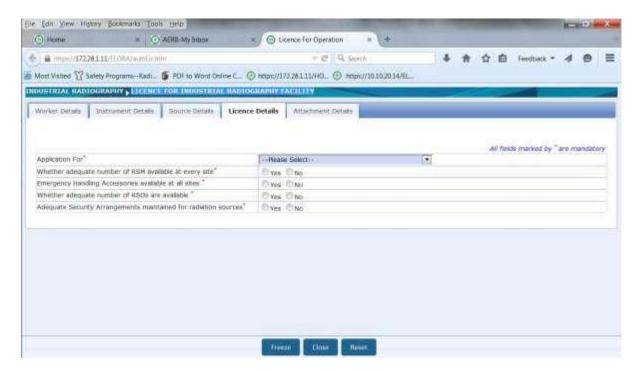
Fill/select the fields in the tab "Source Receipt Details". The procurement approval of the source/device with source is required to be selected in this form. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Licence for Industrial Radiography Facility:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Licence For Industrial Radiography Facility

This form is required to be filled for Fresh or Renewal of licence for operation of Industrial Radiography facility. This form can be filled only if the institute has Radiation Monitoring equipments, Radiography personnel approved through e-Lora and at least one radiography device. From the "Regulatory form" tab Click the

"LICENCE FOR INDUSTRIAL RADIOGRAPHY FACILITY", then the form will open as shown below

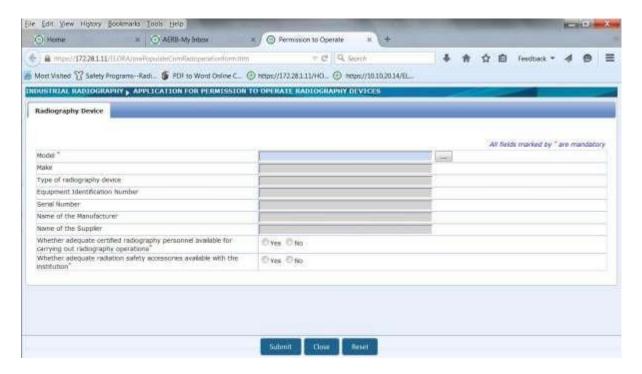


Fill/select the fields in the tab "Licence Details" and upload the necessary attachment in the "Attachment" tab. Then click the "Freeze" button. Download the first page of the application and sign it with seal. Then Open the Tab "My Application" and upload the signed form. Then select the application and click submit button.

Permission to Operate Radiography Devices:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Permission to Operate Radiography Devices

This form is required to be filled for each radiography device before its routine operation. This form can be filled after submission of Equipment Receipt Intimation and source receipt intimation (for IGRED). From the "Regulatory form" tab Click the "PERMISSION TO OPERATE RADIOGRAPHY DEVICES", then the form will open as shown below.

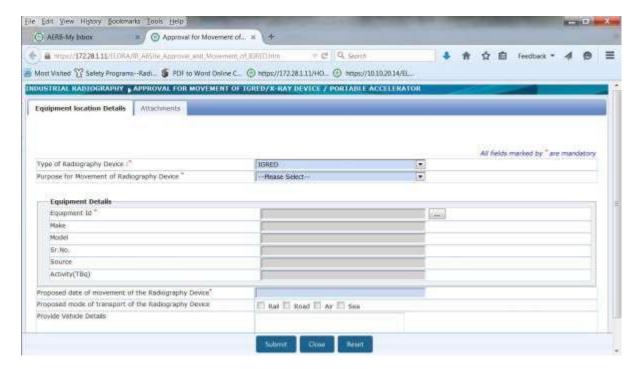


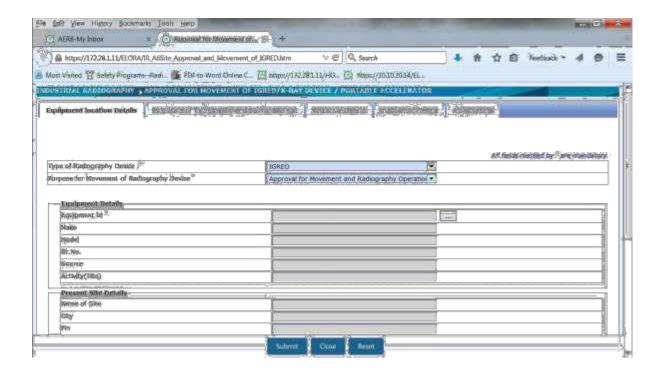
Fill/select the fields in the tab "Radiography Device" Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Movement of IGRED/X-Ray Device / Portable Accelerator:

Selection of Form: Regulatory Form → Industrial Radiography → Approval for Movement

This form can be used to obtain the permission for radiography work and movement of Radiography device from one site to another. It may be noted that this form can be filled only if the institute has a valid licence and the Radiography device has got permission to operate, by filling up the previous form (ie Sr. No.10 in this document). This form can also be used for Movement of IGRED for source replacement and movement of radiography devices for storage at central source storage facility. To fill this form for Source Replacement, the approval for source replacement is required to be obtained by filling up the "Procurement of Source" form and Details of Approval Reference No is required to be provided. From the "Regulatory form tab Click the "Approval for Movement", then the form will open as shown below





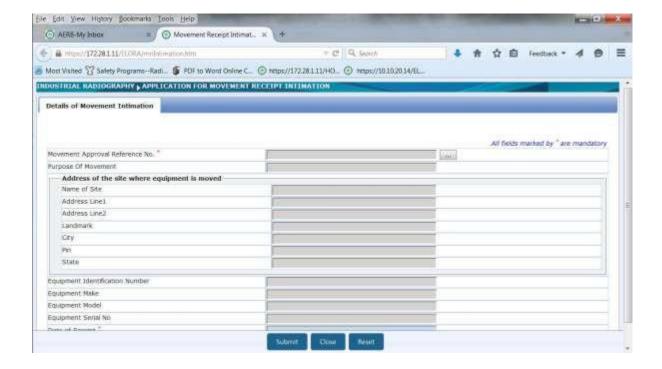
It may be noted in the field "Nature of Radiography Job", the term "Permanent" means the Radiography work at a site where approved radiography source storage facility or enclosure is available for the institute, "Temporary" means a short duration work (less than a month) in a site where approved radiography source storage facility or enclosure is not available for the institute (however temporary exclusive secure storage facility is provided by the contractor) and "call basis" means that radiography device do not store at the proposed site for radiography work and return to approved source storage facility (at present site in application form) after completion of radiography work.

Fill/select the fields in the tab "Particulars of Radiography and source storage", "Personnel Details" and "Instrument Details" and upload the necessary attachment in the "Attachment" tab. The excel attachment (Particulars of Radiography Work) is required to be downloaded, save and upload, if applicable. Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Movement Receipt Intimation:

Selection of Form: Regulatory Form → Industrial Radiography → Movement Receipt Intimation

It is necessary to submit this form after the approval of movement (by filling the form no. 11in this document) and receipt of the device at the site approved. This form is not required to be filled, if the permission of radiography work is "On call Basis". From the "Regulatory form" tab Click the "Movement Receipt Intimation", then the form will open as shown below



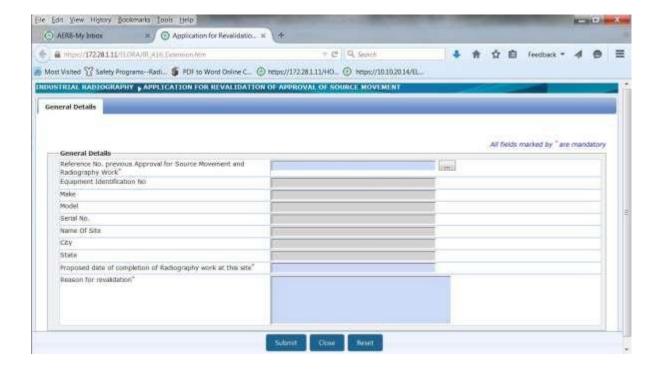
Fill/select the fields in the tab "Details of Movement Intimation" Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Application for Extension of Approval of Source Movement:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Application of extension of Movement Approval

This form can be used for extension of permission for radiography work at an approved site. For this form reference no. of earlier approval (by filling the form no. 11in this document) is required to be provided. From the "Regulatory form" tab Click the

"Application of extension of Movement Approval", then the form will open as shown below

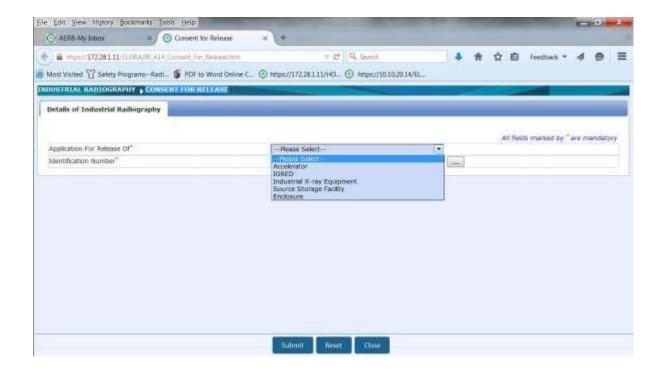


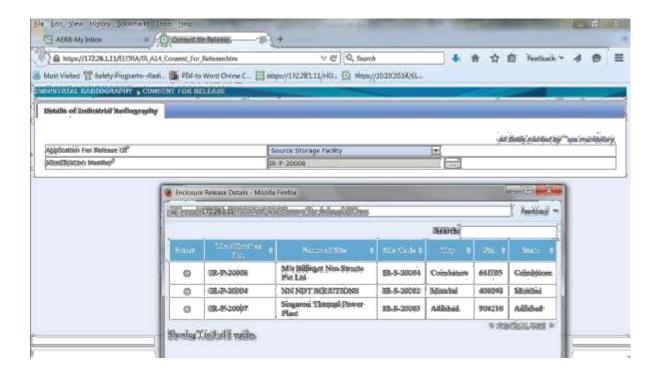
Fill/select the fields in the tab "General Details" Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Consent for Release:

Selection of Form: Regulatory Form → Industrial Radiography → Consent for Release

This form can be used for release of the approved (in the name of the institute) Radiography Source Storage facility, Radiography Enclosure and Radiography Devices. The released devices or facility can be approved in the name of another institute by filling up the form for procurement of device as resale and Renewal and Reapproval form respectively. For IGRED, this form can be filled only after the disposal of the source in it with necessary approval of AERB. From the "Regulatory form" tab Click the "Consent for Release", then the form will open as shown below





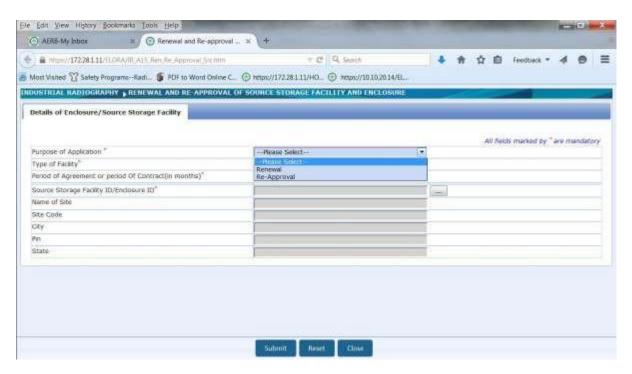
Fill/select the fields in the tab "Details of Industrial Radiography" Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Renewal and Reapproval:

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Renewal and Reapproval

This form can be used for renewal of approval of radiography source storage facility or enclosure. Earlier approval reference no. of the radiography source storage facility or enclosure is required to be provided in this form. The term Re-approval is used to approve the released (by filling the Consent for Release form No. 14 in this document) radiography source storage facility or enclosure in the name of radiography institute.

From the "Regulatory form" tab Click the "Renewal and Re-approval", then the form will open as shown below

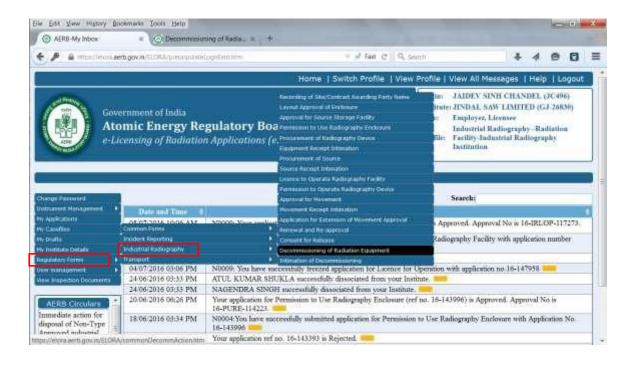


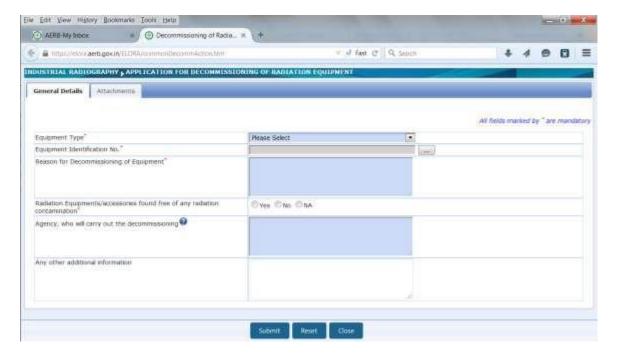
Fill/select the fields in the tab "Details of Enclosure or Source Storage facility" Then click the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

Decommissioning of Radiography Equipment

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Decommissioning of Radiation Equipment

This form can be used for decommissioning of radiography devices. Please be noted that for Industrial Gamma Radiography Exposure Devices (IGRED), device will be available for selection for decommissioning only after disposal of the source in it (Please refer guidelines for "Transport and Disposal Approval through eLORA" for disposal procedure)





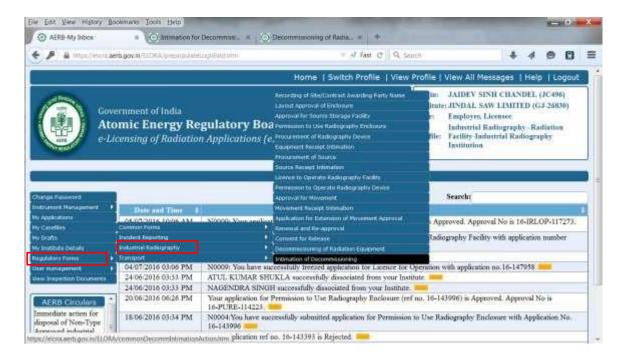
Fill/select the fields in the tab "General Details" and provide attachments in attachments tab, then click on the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

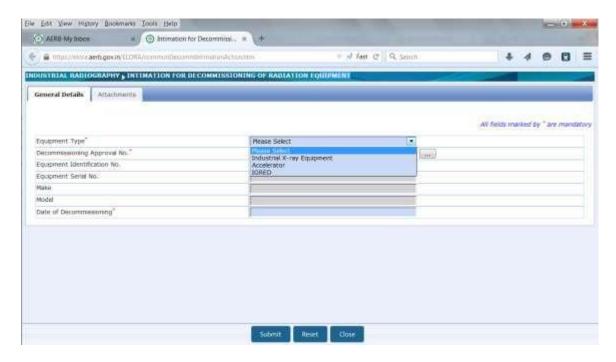
The status of the application can be viewed through the "My Application" tab and approval letter can be downloaded.

Intimation of Decommissioning

Selection of Form: Regulatory Form \rightarrow Industrial Radiography \rightarrow Intimation of Decommissioning

It is necessary to submit this form after decommissioning of the equipment (for which the approval of decommissioning of radiography equipment is obtained by filling form no. 16 of this document). Reference no. of approval of decommissioning of radiography equipment should be selected in this form

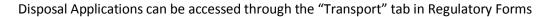


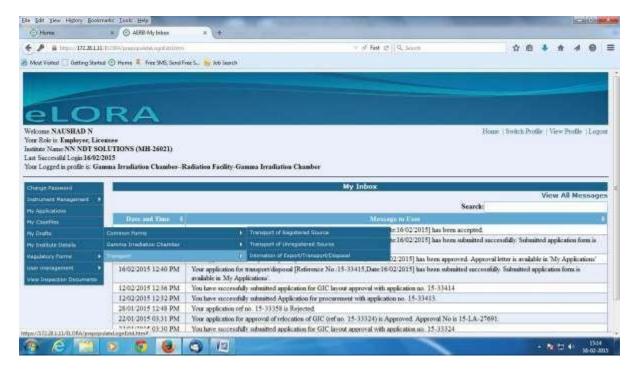


Fill/select the fields in the tab "General Details" and provide attachments in attachments tab, then click on the "submit" button. On successful submission the message will appear in the screen and the application pdf can be downloaded.

The status of the application can be viewed through the "My Application" tab.

9 Disposal Approval through eLORA

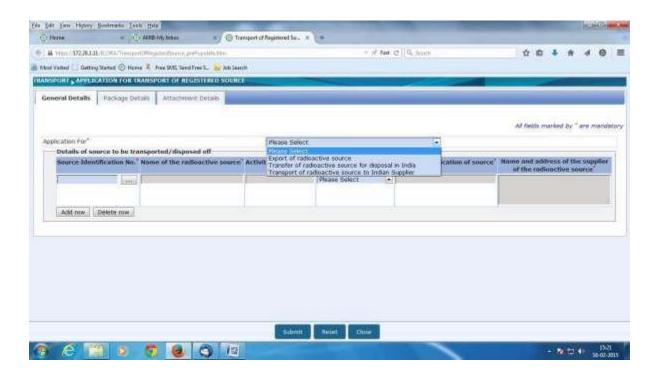




Transport of Registered Source

The sources which are already registered with eLORA will be available in this form. This form consists of three tabs; General Details, Package Details and Attachment Details.

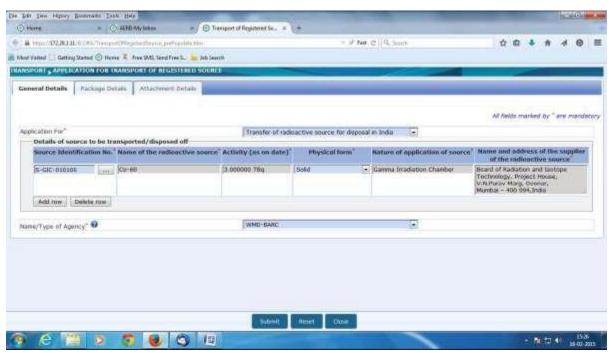
In general details tab, details of sources to be transported/disposed and destination of transport/disposal to be provided. Three options will be available in the field 'Application For'; Export of radioactive source, transfer of radioactive source for disposal in India and transfer of radioactive source to Indian supplier. Based on requirement, the selection has to be made. Fields for capturing required information will be populated based on selection in that field.



The list of registered source will be populated on clicking button provided in 'Source Identification No' column as given below. The source which are to be disposed/transported should be selected from the list.



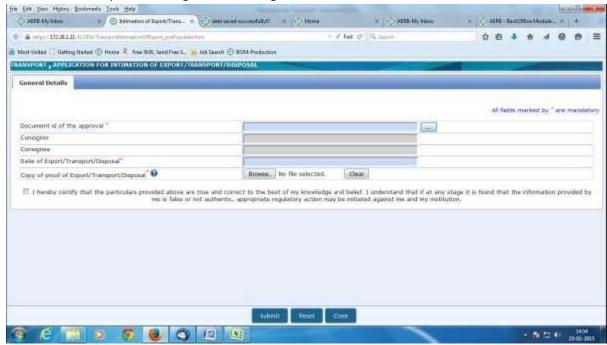
All relevant information to be filled-in before moving to next tab, Package Details.



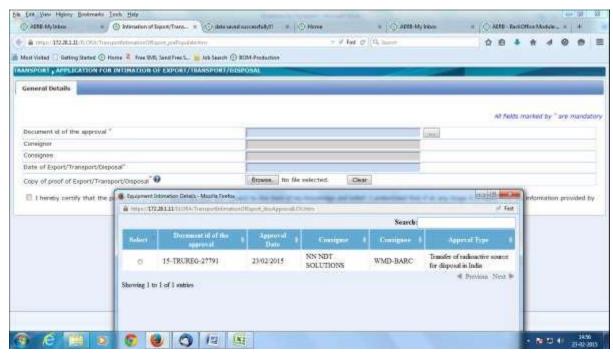
Provide necessary attachments and submit application. After review and approval by AERB, you will get intimation in Inbox regarding approval/rejection of application form. E-mail will also be send to the registered mail id regarding this. The approval letter will be accessible from 'My Applications' menu.

Intimation of Export/Transport/Disposal

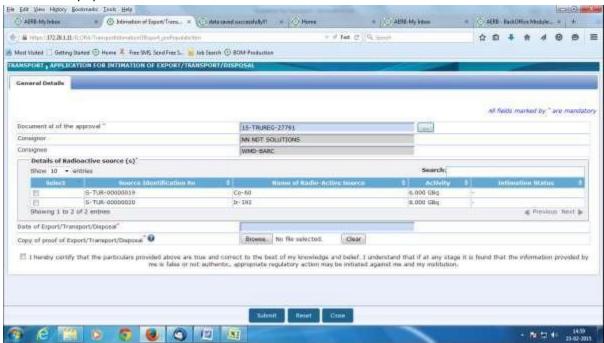
After completing export/transport/disposal, end user has to intimate AERB regarding the same using this form. The steps submitting the form are given below;



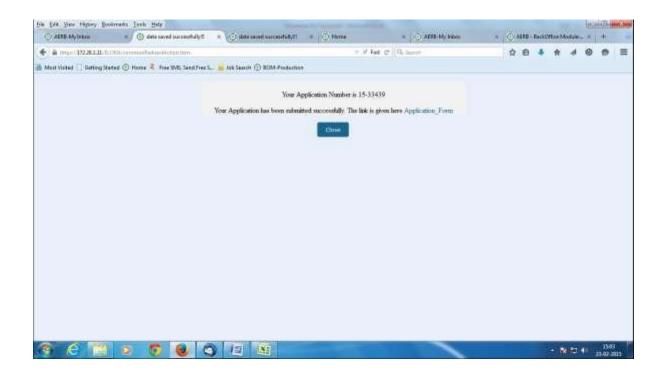
Click on the button provided in the field 'Document id of the approval', a screen with all transport approvals for which intimation is pending will appear as shown below;



Select the document id of the approval for which intimation has to be submitted. The relevant data will be auto-populated based on the selected document id.



Enter the relevant information and attach proof of Export/Transport/Disposal before submitting the form.



After review and approval by AERB, you will get intimation in Inbox regarding approval/rejection of intimation. E-mail will also be send to the registered mail id regarding this. The status of the source(s) will be changed to 'Disposed' after the approval of this application form only.

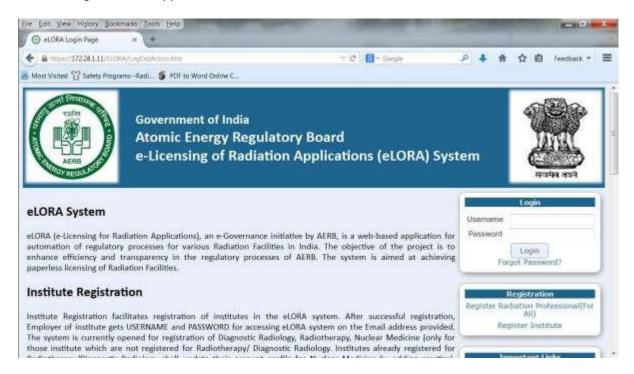
10 Procedure for submission of application for approval of Certified Radiographer (CR)/Site in Charge (SIC)/Trainee in e-LORA

Approval process of CR/SIC/Trainee can be initiated through Employer login in eLORA.

The procedure is as follows:

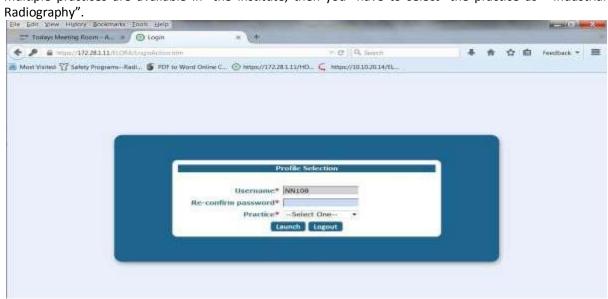
Step 1.

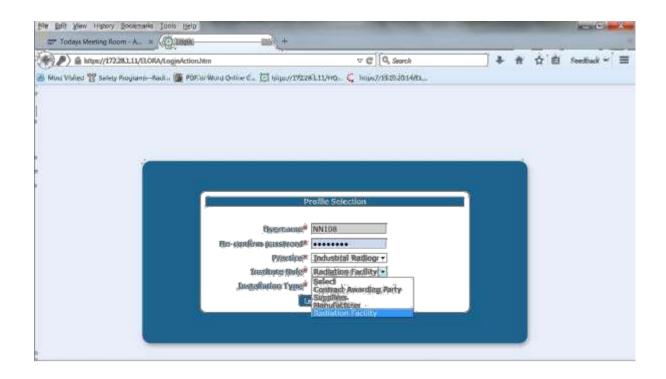
From the AERB web page (www.aerb.gov.in) click on eLORA to open the home page of eLORA, then the following screen will appear.

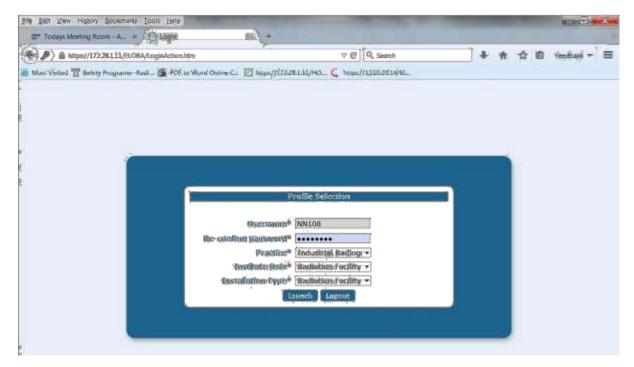


Step-2.

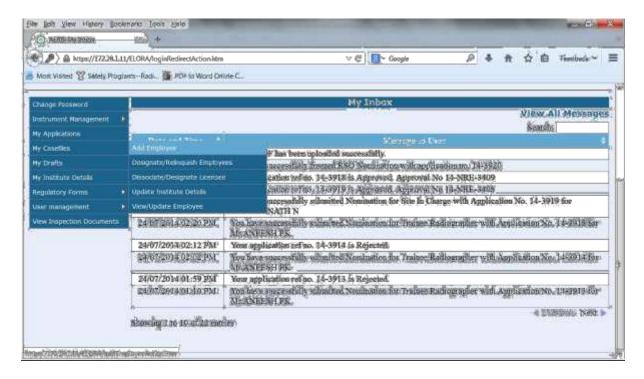
After providing Employer's Username and Password, System will navigate to Profile selection page if multiple practices are available in the Institute, then you have to select the practice as "Industrial Radiography"



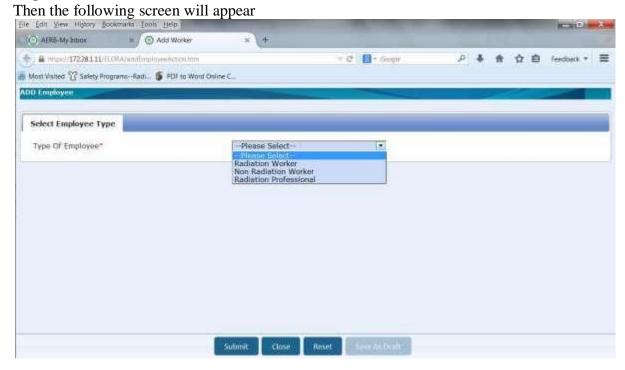




If only one practice is available for the institute, the system will directly display the HOME page of your profile. Then, you have to select the "User Management" tab & Add Employee as shown below

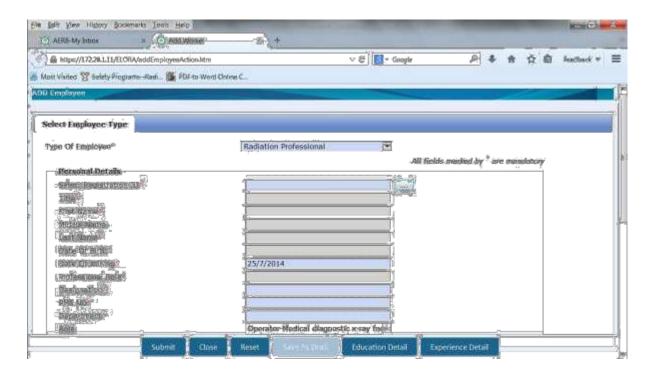


Step-3

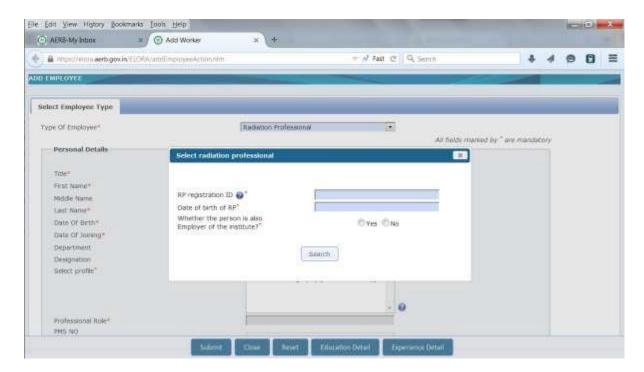


You have to select Radiation Professional in case of CR/SIC & Radiation Worker in case of Trainee.

Upon Selection of "Radiation Professional" following screen will appear

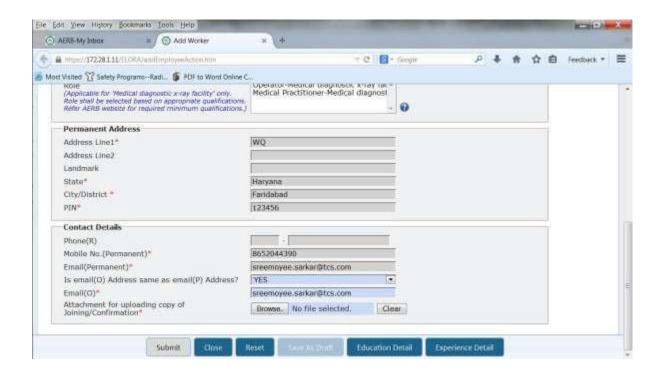


On clicking "Select Registration ID" then a screen will appear, where the Radiation Professional registration id and the date of birth of the personnel is required to be entered. Click "Search".

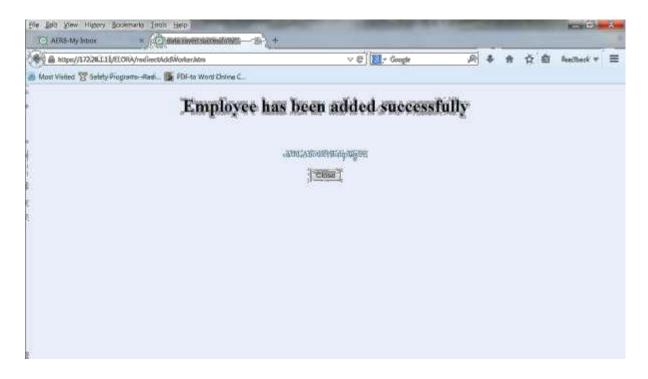


Step-4

Enter additional fields (the fields appears in blue colour) as required (upload theAppointment Letter & click "Submit" button



Then the following screen will appear



For "trainee" after selection of Radiation Worker in Step-3, the data fields has to be filled & submit as Step-4

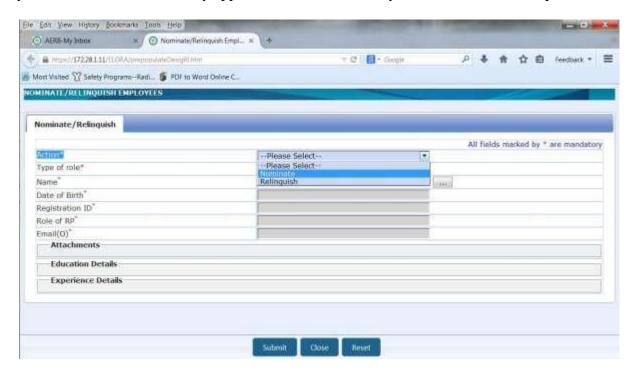
Once the employee is added as per above steps the name of the employee will be listed in your Institute Profile. Then to get approval as CR/SIC/Trainee the following steps is required to be followed.

Step-1

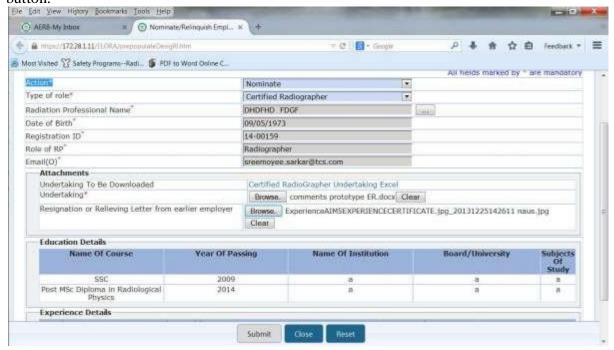
From the User management tab Select Designate/Relinquish Employees. File Edit View History Bookmarks Tools Help AERS-My Inbox ♦ P ■ https://172283.11/EDRA/ognifiedirectAction htm T C Strongie 公 白 🧸 Most Visited 🏋 Safety Programs--Radi... 🏂 PDF to Word Online C. Welcome NAUSHAD N Home | Switch Profile | View Profile | Logo Your Role is: Employer Institute Name: NDT SOLUTIONS (KL-20780) Last Successful Login:25/97/2014 Your Logged in profile is: Industrial Radiography-Radiation Facility-Industrial Radiography Institution My Inbox View All Messages Search: F has been uploaded successfully. accessfully freezed RSO Nomination with application no. 14-3920 cation ref no. 14-3918 is Approved. Approval No 14-NRE-3409 cation ref no. 14-3919 is Approved. Approval No 14-NRE-3408 accessfully submitted Nomination for Site In Charge with Application No. 14-3919 for NATH N 24/07/2014 02:20 PM You have successfully submitted Nomination for Trainee Radiographer with Application No. 14-3918 for Mr.ANEESH PK 24/07/2014 02:12 PM Your application ref no. 14-3914 is Rejected. 24/07/2014 02:02 PM You have successfully submitted Nomination for Trainee Radiographer with Application No. 14-3914 for Mr.ANEESH PK 24/07/2014 01:59 PM Your application ref no. 14-3913 is Rejected. https://172283.11JELORA/prepopulateDesigRLhtt

Step. 2

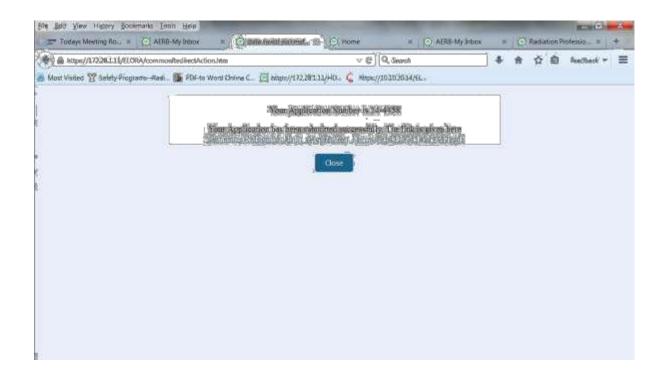
The following screen will appear. You have to select in the field "Action" as Nominate. If you want to release an already approved CR/SIC/Trainee, you have to select Relinquish



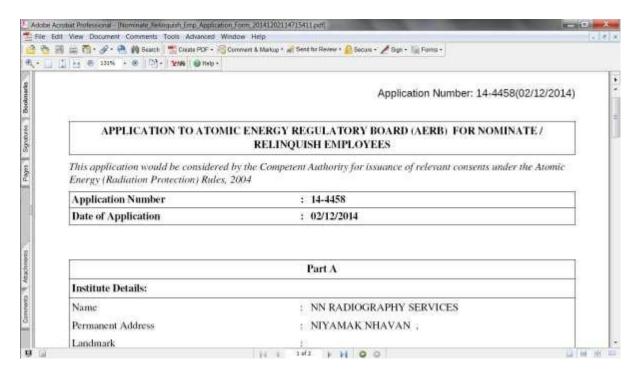
You have to select "Type of Role" as SIC/CR/Trainee. Then the duly filled Undertakings forms & attachment has to be uploaded & submit the application by clicking the "submit' button.



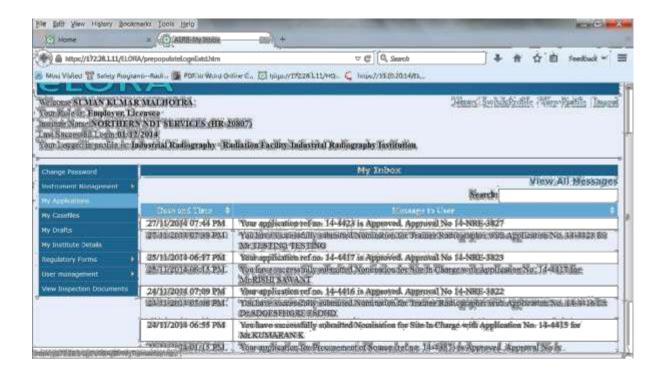
On successful submission of the application form the following screen will appear.

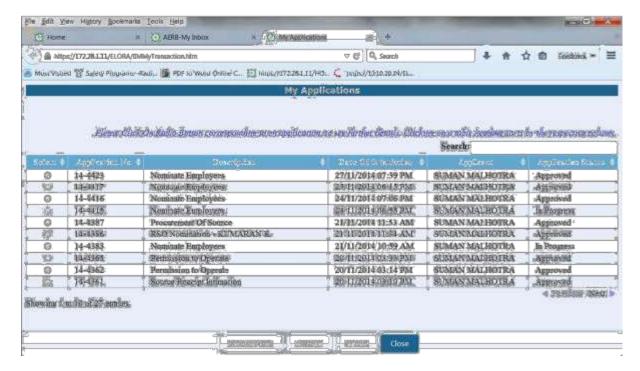


The application can be downloaded from the link available.

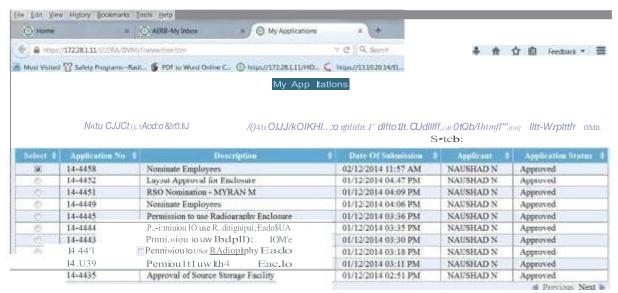


The status of the application can be viewed through the tab "My Application"

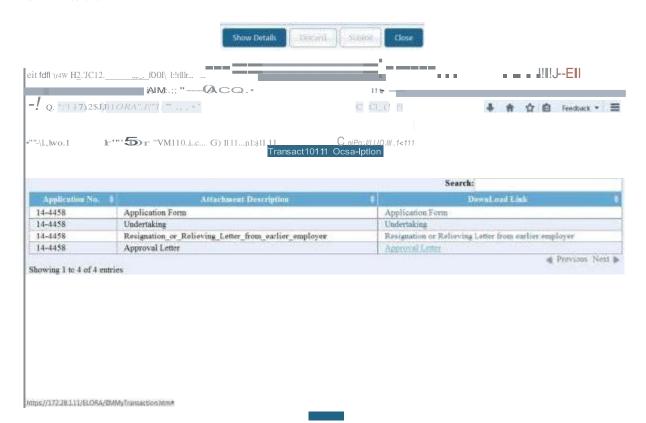


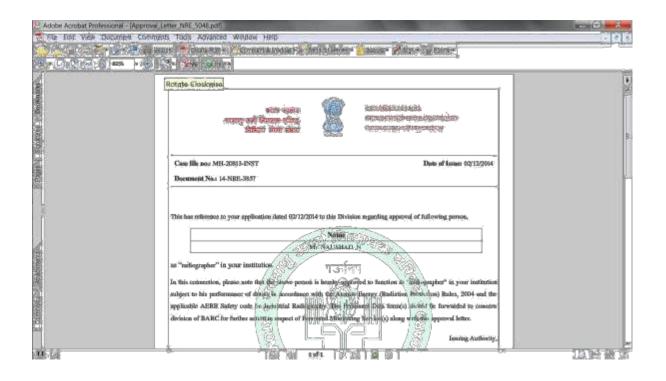


Once approved the message will be sent to the registered email and the approval letter can be downloaded through "My application" tab.



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11 Guidelines for Submission of Safety Status Report (iu-6) of Industrial Radiography

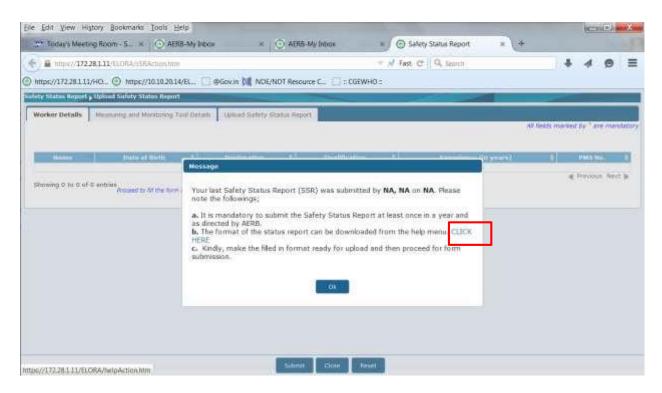
Note: It may be noted that the safety status report (erstwhile iu-6 form) should be submitted by industrial radiography facility through eLORA system in the **first week of every month**.

Step 1: eLORA Login by Employer/Licensee

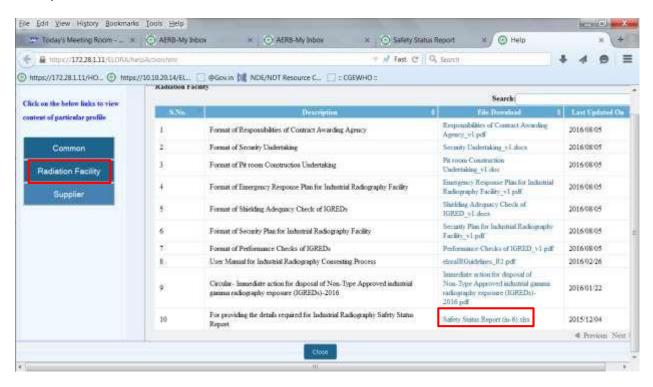
Step 2: For submission of safety status report, follow the path as given below:

Regulatory Forms ----> Common Forms ----> Safety Status Report





Click on "Click here" option as shown above, following screen will appear and click on "Radiation Facility"

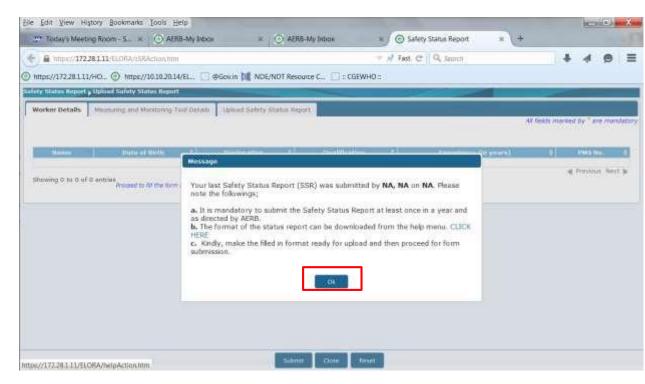


Download the safety status form by clicking on the same as shown above. Fill the form, sign, affix stamp, scan and save in the system.

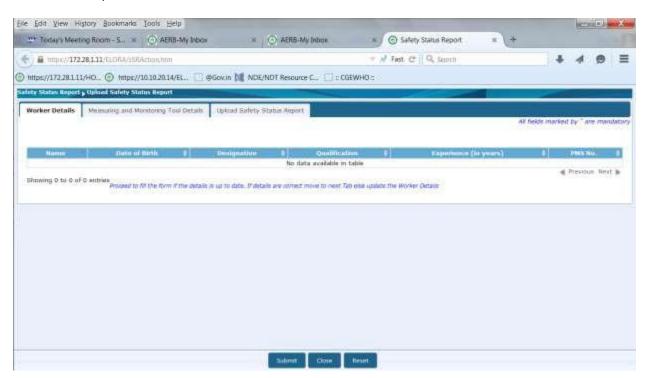
Step 3: Go to safety status report by following the path

Regulatory Forms ----> Common Forms ----> Safety Status Report

open the fom, click "ok " in the message box



The form will open as shown below



Note: Update the Workers details, Measuring and Monitoring Tool Details if not updated earlier in eLORA, by following the proper procedures. General Guidelines are available on eLORA webpage

Now select "Upload Safety Status Report" tab, fill the fields. Upload the signed copy of safety status report (saved in the system by following step-2), provide additional attachments, if any and click on submit.

