



Bhabha Atomic Research Centre
Health, Safety & Environment Group
Radiological Physics & Advisory Division
CT&CRS Building, Near Niyamak Bhavan
Anushaktinagar, Mumbai - 400 094

Training cum Certification Courses on Radiation Safety

1. Radiological Physics & Advisory Division (RP&AD) of Bhabha Atomic Research Centre (BARC) conducts various Training Cum Radiological Safety Officer (RSO) Certification courses on Radiation Safety for the users of Ionizing Radiations (industry/medicine/research) either by itself or in association with:

(a) Non-Governmental Organizations such as Indian Association for Radiation Protection (IARP), Association of Medical Physicists of India (AMPI) and Irradiation Industries Association of India (IIAI), and

(b) Educational Institution (Amity Institute of Nuclear Science and Technology, Amity University, Noida, Uttar Pradesh).

For all the courses, certification is done by RP&AD, BARC through evaluations as stipulated by the regulatory body Atomic Energy Regulatory Board (AERB).

2. Note that ONLY candidates (Indian Nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
3. **Annexure A** provides the list of courses related to industrial applications of ionizing radiation organized by **IARP** including contact details.
4. **Annexure B** provides the list of courses related to medical applications of ionizing radiation organized by **AMPI** including contact details.
5. **Annexure C** provides the details of RSO and Operator courses for Radiation Processing Facilities organized by **IIAI** including contact details.
6. **Annexure D** provides the list of **Industrial Radiography Agencies** authorized by BARC to organize industrial radiography operator course including contact details.
7. **Annexure E** provides the list of courses related to research and industrial applications of ionizing radiation organized by **Amity University, Noida** including contact details.
8. **Annexure F** provides the list of courses directly conducted by **RP&AD, BARC** including contact details.

Sd/-
Head, RP&AD, BARC

Annexure A

List of Training Cum Certification Courses conducted by Radiological Physics & Advisory Division (**RP&AD**), Bhabha Atomic Research Centre (**BARC**), Mumbai in association with Indian Association for Radiation Protection (**IARP**).

Sr. No.	Title of the Course	Duration
1	<i>RSO Certification for Nucleonic Gauges and Well Logging Applications</i>	7 working days
2	<i>RSO Certification for Gamma Irradiation Chamber (Category-I irradiator)</i>	7 working days

Note:

- (a) Minimum eligibility criteria stipulated by AERB are mentioned in the application forms.
- (b) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
- (c) **Course Venue:** RP&AD, CT&CRS Building, Anushaktinagar, Near Niyamak Bhavan, Anushaktinagar, Mumbai – 400 094.

For queries related to schedule of courses/course fee/mode of payment, kindly contact:

Shri D. S. Patkulkar
Coordinator, IARP

Mob: **9967528343**

e-mail: **patkulkards@gmail.com;**
iarptrg@gmail.com

URL Link for downloading application Forms:
<https://www.iarp.org.in/application-forms/>

Annexure B

List of Training Cum Certification Courses conducted by Radiological Physics & Advisory Division (**RP&AD**), Bhabha Atomic Research Centre (**BARC**), Mumbai in association with Association of Medical Physicists of India (**AMPI**).

Sr. No.	Title of the Course	Duration
1	Training Course on “Radiation Safety and Quality Assurance of Diagnostic X-ray Equipment (RS-QADXE)”	11 working days
2	Radiation Safety Certification for Service Engineers of Radiotherapy Equipment (RS-SRE)	7 working days

Note:

- (a) Minimum eligibility criteria stipulated by AERB are mentioned in the application forms.
- (b) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
- (c) **Course Venue:** RP&AD, CT&CRS Building, Anushaktinagar, Near Niyamak Bhavan, Anushaktinagar, Mumbai – 400 094.

For queries related to schedule of courses/course fee/mode of payment, kindly contact:

Dr. S. S. Sanaye

Course Coordinator, AMPI

Mob: 98692 86658

**e-mail: sureshsanaye@gmail.com
ampiedt@gmail.com**

URL Link for downloading application Forms:

https://ampi.org.in/applications-for-qa_dxe-sre-issued/

Annexure C

Training course on Radiation Safety Certification of RSO and Operator for Radiation Processing Facilities (Gamma and Electron Beams), conducted by Radiological Physics & Advisory Division (**RP&AD**), Bhabha Atomic Research Centre (**BARC**), Mumbai in association with Irradiation Industries Association of India (**IIAI**).

Sr. No.	Title of the Course	Duration
1	<i>Radiation Safety Certification of Operators for Radiation Processing Facilities (Gamma and Electron Beams)</i>	3 weeks
2	<i>RSO Certification in Radiation Processing Facilities (Gamma and Electron Beams)</i>	6 weeks

Note:

- (a) Minimum eligibility criteria stipulated by AERB are mentioned in the application forms.
- (b) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
- (c) **Course Venue:** Thane Belapur Industries Association Conference Room, Rabale, Navi Mumbai
RP&AD, CT&CRS Building, Anushaktinagar, Near Niyamak Bhavan,
Anushaktinagar, Mumbai – 400 094

For queries related to application form/schedule of course/course fee/mode of payment, kindly contact:

Ms Preeti Rane
IIAI Course Coordinator
Phone (Off): 022-68259600
Mob: 9167552177
e-mail: preeti.rane@microtrol-india.com

Annexure D

Training cum Certification Course on Radiation Safety for Industrial Radiographer

List of agencies/training centres recognized by Radiological Physics & Advisory Division, Bhabha Atomic Research Centre. ***For queries related to application form/schedule of courses/course fee/mode of payment, kindly contact these agencies.***

Sr. No.	Authorized Agency	Contacts
1	M/s. Quality NDT Training Institute Plot No. B.G.A. -1/4, Bhosari General Block MIDC, Bhosari, Pune - 411 026 Maharashtra	Shri B. K. Pangare, Partner Phone (Off): (020) 27121843, 27119490 e-mail: bhausahab@qualityndt.org bqp_qndt@yahoo.in Mobile: 08600100700
2	Industrial X-ray Allied Radiographers India Pvt Ltd 102, Faizan Apartments S. V. Road, Jogeshwari (West) Mumbai - 400 102 Maharashtra	Shri Promod Kumar Aswal Course Director Phone (Off): (022): 26795906, 26790217, 26794832 Fax: (022) 26799457 e-mail: pramoda@ixar.in info@ixar.in ixar.xamc@gmail.com Mobile: 09819027250
3	Smart Technocrats & Consultancy Services (I) Pvt. Ltd. Plot No. 5, Sector - 18 A Nerul, Navi Mumbai – 400 706 Maharashtra	Shri Sunil Mukul Phone (Off): 022-27706055 e-mail: sunilmukul@rediffmail.com Mobile: 09821683640
4	IRC Engineering Services India Pvt. Ltd., A-53, Sector - 63, District G. B. Nagar Noida - 201 301 Uttarpradesh	Shri A. K. Singhi Managing Director Phone (Off): (120) 4276613 011-26468092 e-mail: hr@ircengg.co.in ircengg@gmail.com ashokchauhan1950@gmail.com Contact Person: Shri A. P. Chouhan Mobile: 08860352791
5	Indian Society for Non-Destructive Testing (ISNT) ISNT Building BHEL Main Office Road Adjacent to Institute of Engineering Building Opposite to 79 Building of BHEL Trichy - 620 014, Tamil Nadu	Shri Dilip Kumar Singh Secretary, ISNT Phone (Off): (0431) 2556154/2575237 Mobile: 07845462025 e-mail: isnt.trichy@gmail.com

Note: (a) Minimum eligibility criteria stipulated by AERB are mentioned in the application form.

(b) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.

(c) **Course Venue:** Respective Training Centre

Annexure E

List of Training Cum Certification Courses conducted by Radiological Physics & Advisory Division (**RP&AD**), Bhabha Atomic Research Centre (**BARC**), Mumbai in association with Amity Institute of Nuclear Science and Technology, Amity University, Noida, Uttar Pradesh.

Sr. No.	Title of the Course	Duration
1	<i>RSO Certification for Nucleonic Gauges and Well Logging Applications</i>	7 working days
2	<i>RSO Certification for Research, Radiotracer and Column Scanning Applications of Ionizing Radiation</i>	7 working days

Note:

- (a) Minimum eligibility criteria stipulated by AERB are mentioned in the application forms.
- (b) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
- (c) **Course Venue:** Amity University, Noida

For queries related to schedule of courses/course fee/mode of payment, kindly contact:

Dr Alpana Goel
Coordinator, Amity University, Noida
Phone (Off): +91 120 4392117 Extn: 2117
Mob: 9717353025/8448396301
e-mail: agoel1@amity.edu

Annexure F

List of Certification Courses that are directly conducted by Radiological Physics & Advisory Division (**RP&AD**), Bhabha Atomic Research Centre (**BARC**), Mumbai.

Sr. No.	Title of the Course	Duration
1	<i>RSO Certification for Scanning Facilities</i>	7 working days
2	<i>RSO Certification for Radiological Calibration Laboratories (Radiation Monitoring Instruments and Personnel Monitoring Badges)</i>	10 working days

Note:

- (a) Minimum eligibility criteria stipulated by AERB are mentioned in the applications forms.
- (b) Course fee should be paid in the form of a “**Demand Draft**” drawn in favour of “Pay & Accounts Officer, BARC payable at Mumbai. The Demand Draft need not be submitted along with the application form which may be submitted on the day of reporting for the course.
- (c) ONLY candidates (Indian nationals) nominated/sponsored by Departments/Institutions in India in need of certified Radiation Professional/RSO, to fulfil the **MANDATORY REGULATORY REQUIREMENTS** of AERB, Mumbai, India, are eligible to participate in the course, subject to satisfying the eligibility criteria.
- (d) **Course Venue:** RP&AD, CT&CRS Building, Anushaktinagar, Near Niyamak Bhavan, Anushaktinagar, Mumbai – 400 094.

For queries related to application forms/schedule of courses/course fee/mode of payment, kindly contact:

Dr. T. Palani Selvam

Head, CRP & QA Section

RP&AD, BARC, CT&CRS Building

Near Niyamak Bhavan

Anushaktinagar, Mumbai – 400 094

Phone (Off): **022-25598653**

e-mail: **pselvam@barc.gov.in**