



Assam Cancer Care Foundation

3rd Floor, V.K. Trade Centre

Opposite Downtown Hospital, G.S. Road

Guwahati - 781022

(Joint initiative of Govt. of Assam and Tata Trusts)

Positions Available

Sr	Designation	Min Qualification & Experience	Location	Type of Employment	Report To
1	Radiological Safety Officer	<p>Radiological Safety Officer (RSO)</p> <p>(i) A post graduate degree in Physics from a recognized university;</p> <p>(ii) A Post M.Sc. diploma in radiological/medical physics from a recognized university;</p> <p>&</p> <p>(iii) An internship of minimum 12 months in a recognized well-equipped radiation therapy department.</p> <p>OR</p> <p>(i) A basic degree in science from a recognized university, with Physics as one of the main subjects;</p> <p>(ii) A post graduate degree in radiological/medical physics from a recognized university; &</p> <p>(iii) An internship of minimum 12 months in a recognized well-equipped radiation therapy department.</p> <p>An approval from the competent authority to function as Radiological Safety Officer.</p>	Tezpur, Lakhimpur, Jorhat	Permanent	Radiation Oncologist

Roles and Responsibilities:

- a) implement the safe procedure for operation of the device specified below, on first time receipt
- Ensure that source containment has all of its components intact and in an acceptable condition.
 - radiation dose rate profile in the vicinity of the source containment conforms to the limits specified by AERB
 - shutter or source control mechanism, source assembly and retraction mechanism and any other safety features operate correctly and safely
 - radiation warning signs and labels are intact, appropriately marked and legible o device performs satisfactorily when used in accordance with manufacturer's instructions.

- location of the gauge has not been altered without the approval of the Competent Authority.

b) Ensure Implementation of Safe Work Procedure

SAFE WORK PROCEDURE

- stay close to the gauge except when necessary to observe the operation of these gauges and the number of persons operating the gauge is kept to a minimum,
- a radioactivity symbol and a warning sign reading "RADIATION KEEP AWAY" in English, Hindi, the local language and any other language deemed necessary is conspicuously displayed and properly located and maintained in a clean and legible in the vicinity of the NG.
- the source(s) are kept locked in the shielded position whenever the NG are not in use,
- shutter 'ON/OFF' operation is checked periodically, particularly for continuous process monitoring gauges, which may require the shutter to be kept open for long duration, that is, days/months (since during operation, dust may be accumulated and cause the shutter to get jammed),
- a swipe test is carried out on those gauges containing radioactive source(s) at regular intervals not exceeding 12 months
- the results of all radiation protection surveys and examinations of the equipment are recorded and retained,
- all tools necessary for the safe operation of the NG and the handling of emergency are in good working condition
- When not in use, the NG should be securely stored in a designated storage location.

INSTRUCT CO-EMPLOYEES TO

- acquaint themselves with radiation symbols and warning signs
 - report to the RSO any difficulties with working procedures or defects in equipment which may have caused or are likely to cause a radiation hazard, including the actual or potential loss of a radioactive source and any accident or potentially hazardous situation that may come to their notice;
 - use any personal protective equipment provided to them and devices or equipment to assess their personal radiation dose, where applicable;
 - Not remove or in any way interfere with the radiation source(s) .
 - require that a female worker, on becoming aware that she is pregnant, notifies the employer, licensee and Radiological Safety Officer in order that her working conditions may be modified, if necessary
- d) during installation of the NG, conduct a radiation protection survey of the device, record the readings in a log book and learn from the installation staff about the details of operation of the IRGD, particularly the safety features;
- e) source(s) are brought to the exposure 'ON' only when required
- f) issue and collect any personnel monitors which may be used
- g) furnish the safety status report in the prescribed format

Summary in Short:

- To be Responsible for all regulatory compliance on Radiation Safety as per AERB guidelines.
- To test, repair and calibrate radiation measurement instruments and other instruments.
- The RSO shall ensure that radiation safety activities are being performed in accordance with approved procedures and regulatory requirements in the daily operation of the licensee's program.
- To be responsible for ensuring that the licensee's radiation safety program is implemented in accordance with approved procedures must have adequate training and experience.
- To conduct all mandatory routine reporting as well as reporting and emergency response to any events.

- To ensure that the provisions of the Atomic Energy (Radiation Protection) Rules, 2004 or modified thereafter, are implemented.
- To establish and maintain an effective radiation protection programme to ensure safety of workers, patients and public.
- Instruct all workers on relevant safety measures.
- To assist the licensee in developing suitable emergency plans to deal with accidents and ensuring appropriate emergency preparedness.
- To provide adequate training in radiation protection and safety methodologies to all workers.
- To implement all radiation surveillance measures.
- To conduct periodic radiation protection surveys to verify compliance with the regulatory requirements.
- To ensure safety of the staff in the Unit with regards to radiation exposure that include wearing of protective shield ,TLD badges along with quarterly check and replacement of the badge if needed.
- To carry out personnel monitoring and maintain records thereof.
- To ensure periodic calibration of radiation measuring and associated instruments.
- To submit periodic reports to the competent authority giving details such as safety status of the installation and inventory of sources.
- To ensure timely renewal of Licenses of the Organization with regard to the use of Radiation therapy.

Please send your application to hr@accf.in