

OFFICE ORDER

It is for information of all concerned of the University that Atomic Energy Regulation Board, Radiological Safety Division (RSD) vide its D.O.No. AERB/RSD/SS/RSO/NR-325/2011/1133 dt/ 13/19 Sept. 2011 has nominated Dr. Rajendra Girijappa Sonkawade, Professor, Babasaheb Bhimrao Ambedkar University, Lucknow as Radiological Safety Officer for the research application of ionizing radiation in Babasaheb Bhimrao Ambedkar University, Lucknow. As per the order Dr. R.G. Sonkawade shall submit to AERB reports on the general radiation safety status of the institution once in Six months and radiation safety related unusual occurrences shall be promptly reported to AERB. The term of nomination is valid till September 12, 2016.

The Radiological Safety Officer (RSO) shall be personally responsible for any safety lapse.

The statutory responsibilities of RSO are stated as hereunder as per AERB order No. AERB/RSD/SS/RSO/NR-325/2011/11333, dt.13/19.09.2011 :

Responsibilities of the RADIOLOGICAL SAFETY OFFICER (RSO) in accordance with the provisions of the Atomic Energy (Radiation Protection) Rules, 2004, issued under the Section 30 of the Atomic Energy Act, 1962.

Rule 19 : Every employer of radiation installation shall designate, with the written approval of the Competent Authority i.e. Chairman, Atomic Energy Regulatory Board (AERB), a person having appropriate qualification as a Radiological Safety Officer (RSO).

Rule 22 : Responsibilities of RSO

1. The Radiological Safety Officer :-

- i) shall be responsible for advising and assisting the employer and licensee on safety aspects aimed at ensuring that the provisions of rules in AE (RP) R, 2004 are complied with.
- ii) shall carry out routine measurement and analysis on radiation and radioactivity levels, if applicable, around radiation installation & in its off-site environment and maintain records.
- iii) shall promptly inform in writing to the employer/licensee about any safety related incident and advice them to report the safety related incident to the Competent authority within twenty-four hours.

- iv) shall investigate any situation that could lead to potential exposures/abnormal exposures (i.e. exposures that can result from an accident involving radioactive source or an event of probabilistic nature including failure of safety equipment and operating errors) and report findings to the employer, licensee. Suggest appropriate actions to prevent recurrences.
- v) shall advise the **employer/licensee** regarding :
- the necessary steps aimed at ensuring that the terms & conditions of the licence issued by the Competent Authority, are adhered to :
 - the safe storage and transport/movement of radioactive materials in accordance with the **AERB Safety Code** on safe transport of radioactive material.
 - initiation of suitable remedial measures in respect of any situation that could lead to potential exposures.
 - modifications in working conditions of a pregnant women.

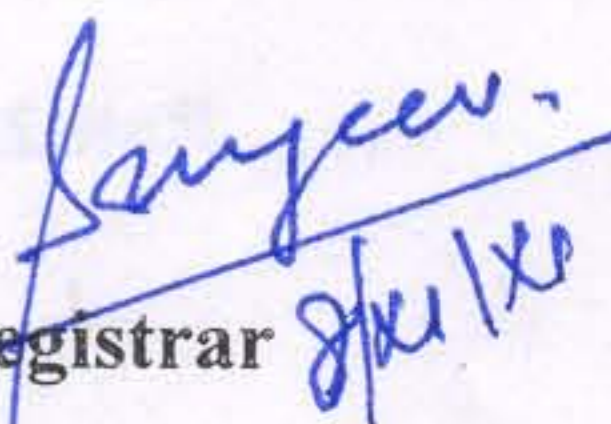
2. RSO shall ensure that :

- reports on all hazardous situations along with details of any immediate remedial actions taken are made available to the employer and licensee for reporting to the Competent Authority and a copy endorsed to the Competent authority.
- personnel monitoring devices are provided to radiation workers in the facility and are used as required. Dose records of radiation workers are maintained;
- monitoring instruments are calibrated periodically and calibration records are maintained;
- tests and maintenance schedules for safety related components and systems are in accordance with the instruction manual of the facility;
- all operational and safety functions of the facility are in order prior to restarting the facility each time after servicing and repair;

3. RSO shall assist the employer in ;

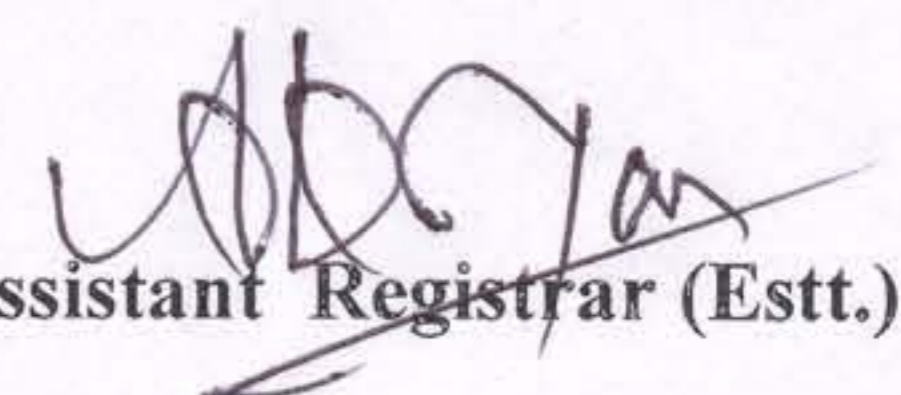
- instructing worker on hazards of radiation and on suitable safety measures and work practices aimed at optimizing exposures to radiation sources;
- the safe disposal of radioactive wastes;
- Developing suitable emergency response plans to deal with accident situations and maintain emergency preparedness.

4. advise the licensee on the **safety and security** of radioactive sources
5. furnish to the licensee and the Competent Authority the periodic reports on safety status of the radiation installations.
6. supervise maintenance and test procedures on systems and components or in areas where radiation safety may be affected or where servicing maintenance personnel may need to be given special protection.
7. maintain servicing, operation log books QA and other safety records.
8. inform the Competent Authority when RSO leaves the employment/institution.


Registrar 8/12/20

Copy to: -

7. All Dean/ Head/ Coordinator/ Incharge / Sectional Head of various Schools/ Departments/ Centres/ Sections, BBAU, Lucknow, for information with request to inform all concerned working under them.
8. PS to VC, BBAU, Lucknow
9. PS to Registrar, BBAU, Lucknow
10. PA to Finance Officer, BBAU, Lucknow
11. Notice Board.
12. Guard File


Assistant Registrar (Estt.)