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Date-26/08/2023

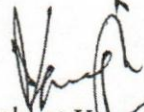
Radiation safety Requirements in Diagnostic Radiology Equipments

अवगत कराना है कि Radiological Equipments के कय करने से पूर्व AERB Mumbai से Procurement Permission की आवश्यकता होती है, जिसके लिए AERB द्वारा निर्धारित Radiation protection Rule-2004 (RPR-2004) का पालन किया जाना अनिवार्य है।

अतः उपरोक्त नियमानुसार विश्वविद्यालय में Radiological Equipments कय करने से पूर्व निम्नलिखित बिन्दुओं का पालन किया जाना अनिवार्य है:-

1. Vendor should provide appropriate Radiation protection devices as 01 mobile protective barrier, 02 light weight zero lead protective apron of 0.50mm Pb Equivalent with integrated (attached) thyroid collar, 02 lead goggle, 02 thyroid shields, 02 gonadal shields, Two stands for lead aprons and gonadal shields etc. with X-ray Equipments. These devices shall be verified periodically for their shielding adequacy.
2. One week on site training for all doctors and operator/Technologist from user Department.
3. Machine should be Type approved from AERB (Atomic Energy Regulatory Board Mumbai GOI) and type approval certificate/NOC from AERB of the particular machine be provided as per AERB norms. It is mandatory to get procurement permission from AERB before ordering the machine.
4. Vendor should do mandatory Quality Assurance (QA) testing for the machine once in two years and also after any repairs having radiation safety implications during warranty and CMC period as per AERB norms.
5. Vendor should provide appropriate structural shielding for walls, door ceiling and floor of the room housing the X-ray equipments if necessary, so that radiation exposure received by worker and member of public can be kept to minimum and shall not exceed the respective limits for annual effective dose as per directive issued by the competent authority. If it is used as fixed machine, layout (1:50 scale) of x-ray room be provided.
6. Servicing of x-ray Equipment is to be carried out by agencies authorized by the regulatory body.
7. 5-year warranty and 5-year CMC should include x-ray tube and other critical parts which are essential to keep the machine functioning as per AERB norms.
8. No diagnostic X-ray equipment shall be operated for patient use unless clearance given from the member-secretary Local Safety committee is obtained after fulfilling all AERB norms.
9. After self-Life of X-ray Generating equipments it is vendors responsibility to Decommission the X-ray equipment. Decommissioning shall be carried out by authorized agencies as per AERB norms.

Note- These guidelines may be updated/revised from time to time as per recommendations of Local Safety Committee (LSC) in accordance with AERB norms.


(Dr. Prabhat Kumar Singh)
Vice-Chancellor



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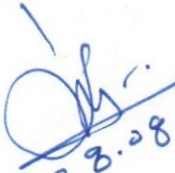
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(Dr. Prabhat Kumar Singh)
Vice-Chancellor

Prati Send mail to him


28.08.23