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भारत सरकार
GOVERNMENT OF INDIA
परमाणु ऊर्जा नियामक परिषद
ATOMIC ENERGY REGULATORY BOARD

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Sub: - Revised Regulation in Dental Radiology Practice

This has reference to your letter dated 21-06-2018 received by this Division on 26-06-2018 seeking clarification on personnel monitoring services (TLD badges) requirements in dental radiology practice. In this regard, we wish to inform you that AERB reviews its regulatory mechanism from time to time for its effective implementation. During the review of regulatory process of dental radiology practice and to further strengthen the graded approach of its regulation, a need was felt to simplify its regulatory process. In view of this, modifications of consenting stages for operation of dental X-ray equipment, which has been approved and is under implementation through e-LORA system are as mentioned in Annexure-1.


(P. K. Dash Sharma)

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Annexure-1

S. No.	Regulatory Requirement	Required for	Diagnostic Radiology	Dental Radiology*
1	Institution Registration	Getting log-in to e-LORA system of AERB to in order to obtain regulatory clearances, which includes licence/registration.	Required	Required
2	Procurement Permission	For acquiring an X-ray equipment through purchase/import/transfer as applicable.	Required	Not required for Indigenous dental X-ray equipment. Required for imported dental X-ray equipment.
3	Personnel Monitoring (TLD badges)	For monitoring radiation dose received by operator(s) of X-ray equipment & other associated worker(s), who works in close proximity on regular basis.	Required	Recommendatory <i>May be provided to the operators of dental X-ray equipment in institutions (such as academic institutions) having high workload.</i>
4	Registration	For operation of diagnostic X-ray equipment for patient diagnosis	Required (validity five years)	Required (validity ten years)
5	Periodic Quality Assurance (QA)	To ensure optimum image quality of an X-ray equipment	Required (with a frequency of once in two years and in case of major repair including tube replacement)	Required for Dental (OPG)/Dental (CBCT) equipment (with a frequency of once in five years and in case of major repair including tube replacement)
6	Decommissioning	Decommissioning of X-ray equipment after its useful life	Required	Required (May be performed by the end-user with prior intimation to the competent authority)

**AERB is in the process of modifying e-LORA module of dental radiology practice accordingly, which will be implemented shortly.*