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परमाणु ऊर्जा नियामक परिषद  
ATOMIC ENERGY REGULATORY BOARD  
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**Sub: Regarding qualification requirements of Radiation Safety Officer (RSO)**

This has reference to your letter dated September 04, 2019 and several emails received by AERB from dentists with MDS (Oral Medicine and Radiology) qualification regarding qualification requirements of Radiological Safety Officer (RSO). In this communication, it has been proposed to consider a person with MDS (Oral Medicine and Radiology) qualification for RSO in dental (OPG/CBCT) facility instead of a person with BDS or MDS in other specialities qualification.

Kindly note that it is the responsibility of employer of a radiation facility to designate a person having appropriate qualifications as RSO under the provisions of Atomic Energy (Radiation Protection) Rules, 2004 [AE(RP)R-2004]. Kindly refer the AE(RP)R-2004 which provides the responsibility of RSO. The major responsibility of RSO is to advise and assist the employer and licensee on radiation safety aspects. This document is available at AERB website and can be downloaded from the following link: <https://10.55.55.11/images/PDF/RPR2004-with-corrigendum.pdf>.

It may also be noted that by considering radiation safety significance, even a qualified and experienced X-ray technologist can be designated as RSO by the employer for high hazard diagnostic X-ray modality such as interventional radiology facility. As dental X-ray equipment including dental (OPG) and dental (CBCT) poses significantly less radiation hazard as compared to other diagnostic X-ray modalities, a person with BDS/MDS qualification can be nominated as RSO by the employer. Further, it may be noted that RSO is an additional responsibility in addition to his/her role in the clinical set up.

In view of above, AERB will not have any objection if a person with MDS (Oral Medicine and Radiology) qualification is nominated as RSO for dental (OPG/CBCT) facility by the employer of the facility.

  
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