INTERNATIONAL STANDARD



Third edition 2013-06-01

Practice for dosimetry in an electron beam facility for radiation processing at energies between 80 and 300 keV

Pratique de la dosimétrie dans une installiation de traitement par irradiation utilisant un faisceau d'électrons d'énergies comprises entre 80 keV et 300 keV





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Published in Switzerland

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facility, but at different beam energies Figure A2.1 Average dose measured with three dosimeters (18 μm RCD fil dosimeter; 50 μm RCD fil dosimeter; 130 μm alanine fil dosimeter) all calibrated by irradiation at a 10 MeV electron accelerator, and now irradiated at a 125 keV electron accelerator. Depth dose distribution measured at Risø HDRL 125 keV electron accelerator.	10 10