

Ahlstrom Windsor Locks, LLC

Dosimetry Evaluation to establish that extremity dosimetry is not needed.

Maximum expected extremity dose must be less than 10 % of the yearly limit or 5000 mrem in one year.

Maximum expected dose rate taken from Registry of Sealed Sources No. NR-109-D-122-B, dated June 27, 1994, page 8 for ABB devices (maximum radiation levels on the surface of the application will not exceed 50 mR/hr when the shutter is in the closed position).

Time for repair of source mechanism = .5 hours

Maximum expected extremity dose rate = 50 mrem/hour.

Number of procedures performed per year = 4.

Maximum expected Extremity Dose = .5hours x 50 mr/hour x 4 procedures = 100 mrem.