





step	(2-σ) uncertainty (%)
dosimeter calibration	1.6
daily calibration	2.0
methods and parameters	3.0
effective depth	2.0
SSD	2.0
wedges	2.0
block trays	2.0
cumulative	5.6















Fre	quency of QA for Radiotherapy Equipment		
Extern 60 Ur	nal Beam Units: AT / C, A, M, W, D (Linacs, Co nits)	-	
Brach a pati	nytherapy Units: AT / C, M / D (whenever treatin ent)	g	
Simul	ators: AT / C, Q, D		
AT - Acceptance Testing C - Commissioning A- Annually Q - Quarterly M - Monthly W - Weekly D - Daily			
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Percent D	Depth Dose Curves For
	Photons
Setup:	CAX
	SSD = 100 cm
	Depth = From surface to ~35 cm
	At various field sizes, including 10
x 10	-
	At open and wedged fields
Tolerance:	± 2%
Frequency: Comi spot check)	missioning/Annually/Monthly (TMR
	CANCER THESIDY EXECUTION CONTR
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Percen	t Depth Dose Curves For Electrons
Setup:	CAX
	SSD = 100 cm and 110 SSD
	Depth = From surface to ~35 cm
	At all available square and circular cone
SIZES	
Toleran	ce: ±2%
Frequency: C check)	ommissioning/Annually/Monthly (spot
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D	ose Profiles For Electrons
Setup:	SSD = 100 cm and 110 cm
	Depth = d _{max} + Chamber Offset
	At all available square and circular cone
sizes	
	Direction = Inplane, Crossplane
Tolerand	e: Flatness + 3%
loiorane	Symmetry $+3\%$
	Cymmetry ± 3%
Frequen	cy:Commissioning
	Annually
	Weekly (Films or Profiler)
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Photo	on Scatter Factors: $S_{c,p}$, S_c , S_p	
Setup:	CAX	
	SCD = 100 cm	
(S_)	Depth = d_{max} (S _{c,p}); in-air w/ buildup caps	
(At various field sizes, including 10 x 10	
Tolerand	ce: ± 2%	
Frequen	cy: Commissioning/Annual	
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