

Facility registration number		Name of facility										
Date of inspection (month, day, year)	Date of last in	nspection (month, day, year)	Check	Check to add this machine			Check to delete this machine					
Name of new owner (if applicable)									-			
Machine number Machine design (use codes)		ign (use codes)	Location						Manufacturer (use codes)			
Date of manufacture (month, year)	Model number	er	Serial number									
						1						
QUALITY MANAGEMENT PROGRAM												
Submit the following departmental quality assurance documents if <u>changes</u> have been made to the documents submitted with the Initial Commissioning Survey:												
- Treatment planning computer and dose									d procedure	es		
- Weekly output constancy check policy and procedure - Monthly output spot check procedure												
DOSIMETRY SYSTEM AT FACILITY												
Manufacture of cylindrical chamber Model of cylindrical chamber					TOILIT I		Date of ADCL calibration (month, day, year)					
•	•	,										
Manufacture of parallel plate chamber Model of parallel			mber Date of					ate of N ga	N gas derivation <i>(month, day, year)</i>			
Manufacture of electrometer		Model of electrometer	Date of AD					ate of ADC	CL calibration (month, day, year)			
				, , , , , , , , , , , , , , , , , , , ,					,			
Date of aneroid barometer intercomparison (m	onth day year	r)	Date of	anı	nual calib	ration com	nole	ted (mont	h, day, year)			
	,, , , , ,	,	2410 01	<u></u>	.aa. canz.		taon completes (menul, suy, year)					
Calibration protocol			Frequency of constancy check performed on dosimetry system									
Calibration protocol			1. 1. Squares, 3. Solidating, Shook performed on dodition y system									
		MECHANICAL	ΡΔΡΔΜ	FT	FRS							
		MEGNANIGAE	Satis			Unsati	sfa	ctorv		Tolerance	 e *	
Gantry Rotation Isocenter					,	Г	Ī					
Collimator Rotation Isocenter						Ī	Ħ					
Table (Couch) Rotation Isocenter			İ			Ī	Ħ					
Field Size Readouts			i				Ī					
Gantry Angle Readouts			j			Ī					-	
Collimator Angle Indicator			ĺ									
Optical Distance Indicator (ODI) Accuracy and Linearity												
Light / Radiation Field Congruency												
Laser Alignment System Accuracy												
							Ī					
Emergency Off Switches			Operational?					Yes		No		
Door Interlock			Operational?					Yes		No		
Dosimetry Interlocks **			Operational?					Yes		No		
Safety Interlocks ***			Operational?					Yes		No		
Audio Communications System			Operational?				Yes		No			

Operational?

Yes

No

Visual Monitor System

<sup>\*</sup> The qualified radiation oncology physicist shall specify tolerance values based upon accelerator manufacture specifications and the most recent published standards. Corrective action is required for measured data that exceeds the stated tolerance.

\*\* Energy (bending magnet current), flatness, symmetry, temperature and compensation, et cetera.

\*\*\* Target slide or scattering foil, dose chamber slide, dose rate, et cetera.

*The qualified radiation oncology physicist shall specify tolerance values based upon accelerator manufacture specifications and the most recent published standards. Corrective action is required for measured data that exceeds the stated tolerance.												
PHOTON BEAM PARAMETERS												
N : 15 (00)				Tolerance *								
Nominal Energy (MV)												
Ionization Ratio												
Flatness	Satisfactory Unsatisfactory	Satisfactory Unsatisfactory	Satisfactory Unsatisfactory									
Symmetry Field Size Factors	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory ☐ Unsatisfactory	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory ☐ Unsatisfactory	□Satisfactory □Unsatisfactory □Satisfactory □Unsatisfactory									
PDD / TPR Values	Satisfactory Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output / MU Reproducibility		-										
Monitor Chamber Linearity	□ Satisfactory □ Unsatisfactory □ Satisfactory □ Unsatisfactory	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory ☐ Unsatisfactory	□Satisfactory □Unsatisfactory □Satisfactory □Unsatisfactory									
Wedge / Compensator Transmission Factors	□ Satisfactory □ Unsatisfactory	□ Satisfactory □ Unsatisfactory	□ Satisfactory □ Unsatisfactory									
Tray / Custom Block Transmission Factors	□ Satisfactory □ Unsatisfactory	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory									
Open Field Isodose Lines (central axis)	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Wedge Isodose Lines (central axis)	☐Satisfactory ☐Unsatisfactory	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory									
Independent Output Check (Date )	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory									
Output Calibration	Yes No	Yes No	Yes No	Performed								
•		Yes No	☐ Yes ☐ No	Performed								
Constancy Check Device Calibration	∐ Yes ∐ No	☐ Fes ☐ No	☐ fes ☐ No	Periorified								
	FLECTRON BE	AM PARAMETERS										
		ANTAKAMETERS		Tolerance *								
Nominal Energy (MeV)				Toloranio								
Mean Incident Energy												
Flatness (Cone Size)	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Symmetry	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory									
Output / MU Reproducibility	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Independent Output Check (Date )	□Satisfactory □Unsatisfactory	□Satisfactory □Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output Calibration	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	Performed								
Constancy Check Device Calibration	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Performed								
	ELECTRON BE	AM PARAMETERS										
				Tolerance *								
Nominal Energy (MeV)												
Mean Incident Energy												
Flatness (Cone Size)	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Symmetry	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output / MU Reproducibility	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Independent Output Check (Date)	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output Calibration	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Performed								
Constancy Check Device Calibration	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Performed								
	ELECTRON BE	AM PARAMETERS										
				Tolerance *								
Nominal Energy (MeV)												
Mean Incident Energy												
Flatness (Cone Size)	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Symmetry	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output / MU Reproducibility	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Independent Output Check (Date)	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory	☐Satisfactory ☐Unsatisfactory									
Output Calibration	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Performed								
Constancy Check Device Calibration	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Performed								
Signature of physicist	Date (month, day, year)											
Printed name of physicist	Physicist number											