

Center :

Room :

Date :

Physicist in charge :

C-RAD installation project manager :

<b>Extra box Cross 1</b>	<b>SN :</b>
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		<b>C-RAD</b>	<b>CENTER</b>
<i>Fixation correct</i>			
<i>Cover correct</i>			
<i>Correct electric wiring</i>			
<i>Vertical line</i>	<i>Line length</i>		
	<i>Line width</i>		
	<i>Position of the line at the isocenter</i>		
<i>Horizontal line</i>	<i>Line length</i>		
	<i>Line width</i>		
	<i>Position of the line at the isocenter</i>		

# Refer to test conditions and acceptance criteria at the end of this document

Comments :

<b>Extra box Cross 2</b>	<b>SN :</b>
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			<b>C-RAD</b>	<b>CENTER</b>
<i>Fixation correct</i>				
<i>Cover correct</i>				
<i>Correct electric wiring</i>				
<i>Vertical line</i>	<i>Line length</i>	#1		
	<i>Line width</i>	#2		
	<i>Position of the line at the isocenter</i>	#3		
		#4		
<i>Horizontal line</i>	<i>Line length</i>	#1		
	<i>Line width</i>	#2		
	<i>Position of the line at the isocenter</i>	#3		
		#4		

# Refer to test conditions and acceptance criteria at the end of this document

*Comments :*

	<b>C-RAD</b>	<b>CENTER</b>
<i>User Training (See annex for details)</i>		
<b><i>C-RAD installation fully operational</i></b>		

*Signature and hospital stamp*

<i>Physicist in charge at the hospital:</i>
<i>C-RAD installation project manager:</i>

## Annex: User Training

QA Users		
	<b>C-RAD</b>	<b>CENTER</b>
<i>HITSD laser system presentation</i>	<input type="text"/>	<input type="text"/>
<i>Safety Information</i>	<input type="text"/>	<input type="text"/>
<i>Laser calibration</i>	<input type="text"/>	<input type="text"/>

<b>Training Performed by:</b>		
Name	Signature	Date

<b>List of Participants:</b>		
<i>(please fill in completely to get training certificate)</i>		
Name	Email	Signature

## Annex: Test conditions and acceptance criteria

#	Specification	Acceptance criteria	Test condition / <i>Comment</i>
#1	Laser Line Length	> 1,2 m	Along the corresponding IEC 61217 axis
#2	Laser Line Nominal Width	< 1,0 mm	Measured at isocenter. <i>This is not the minimum width of the laser line, not necessarily located at the isocenter. Outside of the isocenter, the laser line width may be larger than the acceptance criteria.</i>
#3	Laser Plane Distance to the isocenter at calibration position	< 0,2mm	Measured on the same day after calibrating the laser. <i>Due to mechanical stress relaxation, the lasers may move significantly during a few weeks after installation.</i>
#4	Laser Plane Distance to the corresponding IEC61217 plane within a 500mm radius sphere centered at isocenter	< 0.5mm	Measured at calibration position. <i>When several lasers light the same plane, they may appear separated by up to 1mm at the limits of the operating sphere. Further away, the separation will increase with distance – at 3m from the isocenter, up to 3 mm.</i>
#5	Travel error (HIT mbile lasers only)	< 0,2 mm	Measured on the same day after an axis calibration of the laser, along the corresponding IEC 61217 axis, in the full range of the HIT device.