

National Secondary Standards Dosimetry Laboratory (SSDL)

Ministry of Health - Radiation Control Unit,
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Request for Calibration of Dosimetry Equipment Used in Radiation Therapy

1. General info: The therapy level calibration is performed at the SSDL according to the IAEA TRS-398 Dosimetry Code of Practice in a Co-60 beam by the substitution method against a secondary standard traceable to the IAEA. Please kindly fill-in one request for each ionization chamber/assembly.

2. Customer Information:

Institution name and full address:			
Contact person	Name:		
	Tel:		Fax: <input type="checkbox"/>
	E-mail:		

3. Preferred dates of calibration:

4. Requested type of calibration:

(please fill-in Yes or No)

	for the ionization chamber only	for the whole assembly (chamber + electrometer)
Absorbed dose to water in Co-60, $N_{D,w}$ (Gy/C)		
Air kerma in Co-60, N_K (Gy/C)		

5. Description of equipment submitted for calibration:

5.1. Ionization chamber

Manufacturer:		Model:		Serial No:	
Polarizing voltage (V):		Collecting electrode polarity (+ / -):		Conn. type (*):	

5.2. Electrometer / fill-in, if the calibration is requested for the whole assembly (chamber + electrometer)

Manufacturer:		Model:		Serial No:	
Polarizing voltage (V):		Polarity (+/-):		Conn. type (*):	

(*) Connector type: Triax TNC, Triax BNC, Coax BNC, PTW M, mQ,....

6. Please submit also the following items (where appropriate and available):

6.1. Build-up cap for the given ionization chamber, if air-kerma calibration is requested

6.2. Copy of the last calibration certificate

6.3. Extension chamber cable if the length of the chamber cable is less than 10 m. In this case a total length of the cables should be more than 10m.

6.4. Adequate adapter for connecting a chamber to an electrometer in the case that an ionization chamber and an electrometer have different types of connector.

7. Additional requests/notes of the customer (not mandatory):

8. Official authorization

.....
Date

.....
Name

.....
Signature