

Equipment **X-RAY UNIT, FIXED, WHIS-RAD** EDIMXRUE6--

Responsible **(Log) Biomed Service**



CAUTION: the UPS should also be cleaned every month to remove dust.



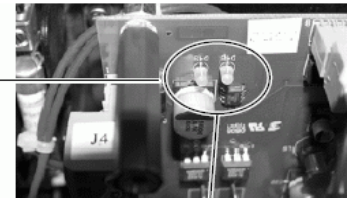
WARNING: Always discharge the capacitors before doing any work inside the generator

A Resistor (8R1) is fitted to allow discharging of the Capacitors. Connector J4 (of this resistor) must be disconnected for normal operation of the Unit, and **MUST BE ONLY CONNECTED** to the J4 of the Capacitor Charging Board for the Capacitor discharging process.

- Plug Connector J4 into the Capacitor Charging Board.
- Check that LEDs D48 and D49 of this Board are blinking.
- When the Capacitors are fully discharged, both LEDs will be OFF.

Capacitors will be discharged from 800 VDC (fully charged) to 10 VDC in approximately 5 minutes.

LEDs D48 & D49

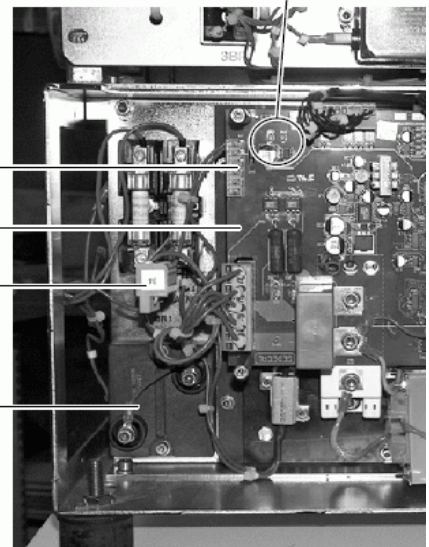


Connector J4 (PCB Connector)

Capacitors Charging Board

Connector J4 (Aerial Connector)

Resistor 8R1



A Check general condition

Frequency Every 6 months

Equipment None

Parts None

Duration 5 min

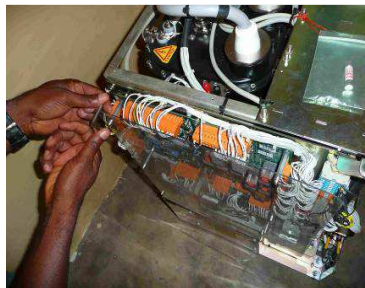
1 Check the general condition of the WHIS-RAD. Replace or repair the parts if they are damaged:

- The covers
- The buttons
- The table-top
- The receptor assembly
- Steel cable
- Connector and electrical cables
- Check the movement of the carriage and arm
- The cassette tray

B Remove dust from inside the generator

Frequency	Every 6 months
Equipment	Allen head key, air compressor
Parts	None
Duration	15 min

- Remove the allen-head bolts that secure the door.
 - Remove the dust with the compressed air, clean the generator thoroughly (look for insects and nests).
- Put the allen-head bolts back in place and close the cabinet



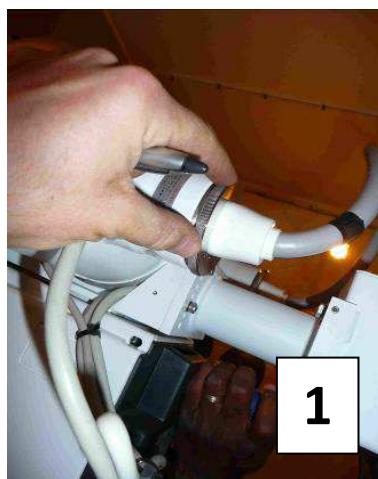
C Tighten the cable holders

Frequency	Every 6 months
Equipment	Screwdriver
Parts	None
Duration	10 min

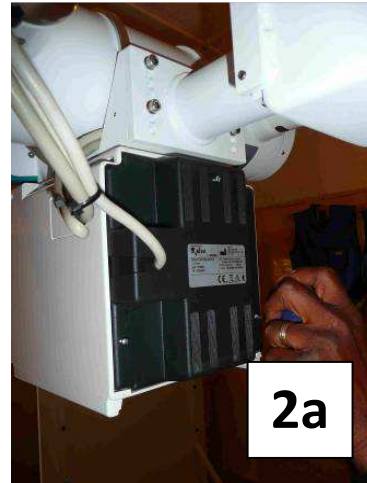


CAUTION: wait 30 min after switching off the device before starting this task.

- Switch the circuit breaker off in the electrical cabinet and check if power is off at the radiology unit.
 - Tighten the metallic rings on both sides (see picture)
- Open the plastic cover by removing the 3 screws.
 - Tighten the screws that hold the cables
 - Replace the plastic cover.
- Open the generator cabinet
 - Tighten the metallic rings shown in the picture
 - Close the generator cabinet again



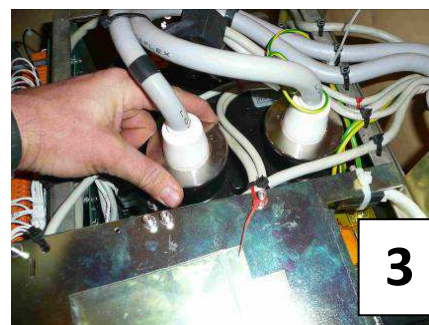
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2a



2b



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