

3. Nominal maximum voltage in kV :
4. Nominal continuous current rating in mA :
5. Type of anode : Stationary/Rotating
6. Anode heat capacity :
(Please enclose cooling curves)
7. Method of cooling the anode :
8. Target material used and target angle :
9. Number of focal spots, focal spots size : One/two
and location of focal spot (specify the
accuracy of the marking on the tube
housing) Small :mm xmm
Large :mm x.....mm
Accuracy mm
10. Inherent filtration provided in mm and :
material used
11. Year and country of manufacture :

D. Details of generator

1. Nominal voltage :
2. Type of rectification : Half wave/Full wave/Multipulse
3. Mains power requirements :

E. Details of x-ray tube housing

1. Material of x-ray tube housing (shielding) :
and thickness. If the material used is other
than lead, specify its lead equivalence
2. Leakage radiation from the tube housing :
(measured at maximum rating and
measured values to be averaged over an
area of 100 cm² at a distance of one metre
from the target) for maximum number of
radiographs in one hour

F. Details of beam limiting devices and filtration

1. Type of beam limiting device/ devices used : Light beam diaphragm/Cone/
Collimator/any special arrangements
2. Leakage radiation through beam limiting :
devices under condition specified in E.2 μGy/h

3. Light beam and radiation beam congruence (attach a radiograph) : Withinmm
4. Dimensions of cones provided : Dental/Radiography
5. Filtration provided
 - a) Inherent/permanent filtration :
 - b) Added filtration :
 - c) Total (in mm of Al) :

G. Details of radiation output

1. X-ray beam output in $\mu\text{Gy/mAs}$ at 80 kV for 20 x 20 cm^2 field at one metre : $\mu\text{Gy/mAs}$
2. Exposure rate at table top for fluoroscopy for kV mA (specify target to table top distance) : $\mu\text{Gy/min}$
3. Exposure rate on the surface of the fluorescence screen with 30 x 30 x 30 cm^3 water phantom (tissue equivalent phantom) : $\mu\text{Gy/h}$
4. Radiation level at diaphragm control knobs for fluoroscopy machines at maximum technique factors with the water phantom : $\mu\text{Gy/h}$

H. Details of fluoroscopy machines

1. Minimum target to table top distance provided :cm
2. Lead glass backing of fluorescent screen (lead equivalent in millimetres) :
3. Tube to screen alignment at maximum field and FSD (specify the margin left all around the screen) :
4. Shutter movement mechanism :
5. Type of "ON"- "OFF" switch provided : Continuous/dead man type
6. Lead rubber flaps

	Size	Lead equivalence
a) Below the screen X..... cm^2mm
b) Sides of the screen X..... cm^2 mm
7. Automatic exposure termination device : Yes/No

8. Material used for table top and aluminium :
equivalence of table top

I. Details of image intensifier

1. Image intensifier provided : Yes/No

2. Screen size :

3. High contrast resolution :

4. Low contrast resolution :

5. Functions of ABC :

6. Provision for reading kV, mA and pulse
repetition rate :

J. Any other relevant information you may like to furnish

K. Specify the National Standards : Bureau of Indian Standards/any
other(specify)

I certify that all the information furnished by me is correct to the best of my knowledge
and belief.

Place : Signature :

Date : Name :

Designation :
(Seal of the institution)