

**DEPARTMENT OF HEALTH**

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**APPLICATION FOR A LICENCE IN TERMS OF THE HAZARDOUS SUBSTANCES ACT, 1973  
 (Act 15 of 1973) TO USE AN X-RAY DEVICE.**

NOTE: ALLOW 30 DAYS FOR ADMINISTRATION

Fill in the name of the new owner and or new premises details here

<b>For office use only</b>
<b>File no.</b>
<b>Licence no.</b>

**1. PARTICULARS OF APPLICANT**



Name and postal address of individual or organisation			
			Postcode
☎	Fax no.	Email	
Name and postal address of contact person (If different from above)			
			Postcode
☎	Cell	Fax no.	Email
Do you have any other licence(s)	Yes	No	If yes, state licence no.

This is normally the Dentist who owns the machine or who the new owner will be.

**2. RESPONSIBLE PERSON**



Surname	Title	Initials	ID no.
Address			
Email:		Cell no.:	
Experience regarding radiation protection:			
Designation:		Qualification	
HPCSA Registration no.:			
I am aware of my duties as responsible person ♦	Signature		Date

**3. PARTICULARS OF PERSON (S) WHO WILL OPERATE THE UNIT** (Indicate with X)

**Note:** Medical x-ray examinations may only be performed by appropriately trained persons registered with the HPCSA / AHPCSA in the category: Radiography and / or Radiology.

Category	Qualification			
	Radiography	Diagnostic	Supplementary	Industrial
Medical	General Practitioner	Radiologist	Other Specialist	
Dental	Dentist	Specialist	Dental Therapist	Oral Hygienist
Veterinary	Veterinarian	Veterinary Nurse		
Chiropractic	Chiropractor			
Non-medical				

## 4 DETAILS OF X-RAY EQUIPMENT



## 4.1 Details of X-ray Generator

Brandname	Model
Year of manufacture	Generator serial no.
Number of tubes attached to generator	

## 4.2. Details of X-Ray System / Unit



Brandname	Model
Year of manufacture	System/Unit serial no.

## 5. TECHNIQUE FACTORS



Peak tube potential.....kV	Maximum mA.....at 100kV	Maximum exposure time.....s OR .....mAs
Activities envisaged / Type of examination(s) or investigation(s) which will be performed..... .....		

## 6. GENERIC DESCRIPTION



State the generic code of the product as found on the attached list (see page 4)
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## 7. IMAGE PROCESSING



Indicate type of image processing (mark with X) <b>Wet</b> ( ) <b>CR</b> ( ) <b>DDR</b> ( )
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## 8. PARTICULARS OF PREMISES



Address - General (i.e. block, floor, room, vehicle reg. no.)	
Section	Street
Building	
Suburb	Postal code

9. TYPE OF INSTALLATION (Please complete **EITHER** section 9.1 or 9.2)

## 9.1 Enclosed installation (X-ray equipment which is installed and used within the same enclosure or room.)

<b>Please attach a diagram or plan</b> indicating the appropriate enclosure or room with special reference to:	
(a)	The normal location of the x-ray tube; the direction and extent of x-ray tube movement; general direction(s) of the useful beam; locations of any windows and doors; the location of the operator's booth; and the location of the x-ray control panel.
(b)	The structural composition and thickness (1/2 brick thickness) or lead equivalent of all walls, doors, partitions, floor, and ceiling of the room(s) concerned.
(c)	The dimensions of the room(s) concerned.
(d)	The type of occupancy of all adjacent areas inclusive of space above and below the room(s) concerned. If there is an exterior wall, show distance to the closest area(s) where it is likely that individuals may be present.

## 9.2 Open installation

State why an enclosed installation is not likely to be practicable. (e.g. <i>Mobile / Portable X-ray equipment</i> ) .....
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**10. DETAILS OF PERSON/COMPANY FROM WHOM X-RAY DEVICE WAS OBTAINED****10.1 Dealer**

New	Refurbished	Pre-owned	Sales licence number
Name and postal address			
Contact Person			
	Fax	Email	

**10.2 Previous user**

Name and postal address		
Contact Person		
	Fax	User's licence number

**11. DETAILS OF PERSON/COMPANY THAT WILL INSTALL THE X-RAY DEVICE (INSTALLER)**

Name and postal address		
	Fax no	Email

**12. DETAILS OF INSPECTION BODY (IB) THAT WILL DO ACCEPTANCE TESTS**

Company Name	Gendentsa	SANAS Ref. No.	<u>XRAY_0018</u>
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**13. DOSIMETRY SERVICE**

Name of dosimetry service that will be made use of
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**14. DECLARATION BY THE APPLICANT**

I, (PLEASE PRINT)..... hereby declare that the information supplied is to the best of my knowledge true and correct.	
Signature	Date
Designation	

<b>For office use only</b>	
Classification of user	
Conditions	
Comments..... .....	
Inspected by.....	(code) on
Checked by.....	(code) on

## Generic codes for listed x-ray devices

Type of unit	Generic code	Type of unit	Generic code
Rad units general purpose - Table/Erect bucky	M010	Rad Tomographic - Dedicated	M070
Rad units general purpose - Table/Erect bucky - digital	M010D	RAD/FLUOR general purpose	M080
Rad units general purpose - Compact systems	M020	RAD/FLUOR general purpose - remote	M081
Rad units general purpose - Compact systems - digital	M020D	RAD/FLUOR general purpose - remote digital	M081D
Rad units chest - dedicated	M030	RAD/FLUOR general purpose - mobile	M082
Rad units chest - mass mini	M031	RAD/FLUOR general purpose - mobile digital	M082D
Rad units chest - mass mini and general	M031G	RAD/FLUOR general purpose – mini mobile	M082M
Rad units chest - digital	M032	RAD/FLUOR general purpose - portable	M082P
Rad units dental - intra oral	M040	RAD/FLUOR spec proc – robotic arm	M082R
Rad units dental - intra oral - digital	M040D	RAD/FLUOR general purpose – mobile O-arm	M082O
Rad units dental - intra oral - portable	M040P	RAD/FLUOR spec proc - angiographic	M090
Rad units dental - pan	M041	RAD/FLUOR spec proc - angiographic digital	M090D
Rad units dental - pan - digital	M041D	RAD/FLUOR spec proc - cardiac	M091
Rad units dental - pan & ceph	M041C	RAD/FLUOR spec proc - cardiac digital	M091D
		RAD/FLUOR spec proc - urology digital	M092D
Rad units dental - pan CT	M042	RAD/FLUOR spec proc – bi plane	M093D
Rad units dental - dental CT	M043	CT scanner	M100
Rad units dental – pan – 3D	M044	PET CT scanner	M101
Dental CR unit	M045		
Dental Digital Detector	M046		
Rad units mammographic	M050	Spect scanner	M102
Rad units mammographic - digital	M050D	CT Scanner: Mobile	M103
Rad units mammographic - steriotatic	M052	CT Scanner: Extremities	M104
Rad units mobile - conventional	M060	Lithotripter	M120
Rad units mobile – conventional - digital	M060D	Absorptimeters (bone densitometer)	M130
Rad units mobile - conventional fixed	M060F	Radiotherapy simulator	M140
Rad units mobile – CDU	M061	CT simulator	M104C
Rad units mobile – CDU fixed	M061F	Whole Body Scanner - medical	M147
Rad units mobile - battery powered	M062	Radiotherapy verification	M148
Rad units mobile - battery powered - digital	M062D	CR Unit	MOCR
Rad units - portable	M063	Therapy Linear Accelerator with KV Imager	M143I
Rad units – portable restricted	M063DR	Rad Monitor – 2MP	M200
Rad units - student training	M064	Rad Monitor – 3MP	M201
Rad units mobile - DDR	M065	Rad Monitor – 5MP	M202
Rad units mobile - CR	M066	Direct Digital Detector (DDR)	M203
		Dose Management System	M204

## Non-medical electronic products

Type of unit	Generic code	Type of unit	Generic code
Luggage, mail and other articles inspection unit - conveyor belt	NM010	Diffractionmeter	NM070
Luggage and mail inspection unit - cabinet	NM011	Spectrometer	NM071
Luggage and mail inspection unit - portable	NM012	Electron Microscope	NM072
Inspection of cargo contents	NM013	Automatic particle size analyser	NM073
Inspection: Packaging and food	NM014	X-Ray Fluorescence (XRF) - Portable	NM074
Luggage and mail inspection unit - mobile	NM015	Electron Probe	NM075
Inspection of cargo contents – mobile	NM016	Inspection: CT Scanner	NM076
Inspection: Vehicle & contents	NM017	Bench top analyser	NM077
Inspection: Portable Digital	NM018	X-Ray Fluorescence (XRF)	NM078
Inspection: Cargo – Linear Accelerator	NM019	Analyser – Isotope based	NM079
Industrial radiography unit	NM020	X-ray apparatus for student experiments	NM200
Fixed industrial FLUOR unit (Realtime)	NM021	Research	NM201
Mobile industrial FLUOR unit (Realtime)	NM022	Van de Graaff accelerator	NM202
Cabinet unit to verify integrated circuits	NM023	Accelerator for industrial sterilisation purposes	NM203
Industrial radiography unit – portable / mobile	NM024	Thickness gauge	NM210
Cabinet unit – Radioscopic Inspection	NM025	Level gauge	NM211
Inspection: Occupied – Vehicle & Contents	NM026		
Hand held screening system	NM027		
Vet CT	NM028		
Colour monitors	NM030	Inspection of food and pharmaceuticals for contaminants	NM212
Colour monitors - other	NM031	Electron welding machine	NM220
Diamond sorting unit	NM040	Rad units - veterinary	NM230
Sorting unit	NM041	Rad/fluor units - veterinary	NM231
Neutron generator	NM050	Rad units – veterinary - portable	NM232
X-ray Blood Irradiator	NM051		
Scanning people - Transmission	NM060	CT Scanner - veterinary	NM233
Scanning people - Backscatter	NM061	Rad units – veterinary – dental - portable	NM234
		Rad units – veterinary - digital	NM235
CR Unit – Veterinary use	NMOCR	Ion implantation unit	NM240
		X-ray system for detonators	NM250
		Specimen - Radiography	NM052
		RAD/FLUOR forensic medicine mobile	NM260
		Whole body scanner - forensic	NM261
		Particle accelerator	NM262
		Forensic Med Dental X-ray unit	NM263