

# Certificate of Compliance for mammography X-ray apparatus



This certificate of compliance applies to the compliance testing of fixed mammography X-ray apparatus.

## Part 1—Owner details

Please provide the details of the owner of the apparatus.

EPA Registration No:

Please refer to the EPA acknowledgment letter sent to the owner

--	--	--	--	--

Name \_\_\_\_\_

Address (Street/Suburb) \_\_\_\_\_

State \_\_\_\_\_ Postcode \_\_\_\_\_

## Part 2—Apparatus details

Please provide the details of the apparatus under test.

Make & model \_\_\_\_\_

Design  Conventional mammography  Tomosynthesis mammography

Generator S/N \_\_\_\_\_ Tube housing S/N \_\_\_\_\_

X-ray tube S/N \_\_\_\_\_ Room location \_\_\_\_\_

Address (Street/Suburb) \_\_\_\_\_

State \_\_\_\_\_ Postcode \_\_\_\_\_

## Part 3—Declaration

I hereby declare that I have compliance tested the apparatus detailed above and to the best of my knowledge the information provided on this certificate is true and correct.

Name (please print) \_\_\_\_\_

Date \_\_\_\_\_ Accreditation No. \_\_\_\_\_

Email address\* \_\_\_\_\_

Signature (only required if lodging by post or facsimile) \_\_\_\_\_

\*A completed certificate is accepted by the EPA as being an electronic communication, under Division 2 section 8 of the *Electronic Transactions Act 2000*, if sent from an email address that the EPA can use as the method of identifying the originator of the electronic communication.

Please lodge the completed certificate by email at [EPARPB.Compliance@epa.sa.gov.au](mailto:EPARPB.Compliance@epa.sa.gov.au)

## OFFICE USE ONLY

Owner No. 

--	--	--	--	--

Reg. No. 

--	--	--	--	--

BAL No. 

--	--	--	--	--

## Part 4—Assessment

The references below refer to the specified sections of *Test Protocol for Mammography X-ray Apparatus 2023*.

	Test Description	Compliance Verified		
		Yes	No	N/A
Sec 8	Labelling of apparatus	Yes	No	N/A
Sec 9	Radiation area sign	Yes	No	N/A
Sec 10	Apparatus in good working order	Yes	No	N/A
Sec 11	Markings on X-ray generators and tube assemblies	Yes	No	N/A
Sec 12	Warning device	Yes	No	N/A
Sec 13	Mains switch	Yes	No	N/A
Sec 14	Exposure factors	Yes	No	N/A
Sec 15	Exposure switch – foot operated	Yes	No	N/A
Sec 16	X-ray beam collimation and alignment	Yes	No	N/A
Sec 17	Tube voltage accuracy and reproducibility	Yes	No	N/A
Sec 18	Exposure time	Yes	No	N/A
Sec 19	Beam quality	Yes	No	N/A
Sec 20	Automatic exposure control performance	Yes	No	N/A
Sec 21	Compression device	Yes	No	N/A
Sec 22	Monitor and print	Yes	No	N/A
Sec 23	Image quality evaluation	Yes	No	N/A
Sec 24	Image receptor linearity	Yes	No	N/A
Sec 25	System resolution	Yes	No	N/A
Sec 26	Artefact evaluation	Yes	No	N/A
Sec 27	Distance calliper accuracy	Yes	No	N/A
Sec 28	Image uniformity	Yes	No	N/A
Sec 29	Image receptor ghosting	Yes	No	N/A
Sec 30	Uniformity of cassette or image plate response (CR only)	Yes	No	N/A
Sec 31	Exposure indicator calibration and image fading (CR only)	Yes	No	N/A
Sec 32	Mean glandular dose	Yes	No	N/A
Sec 33	Mechanical stability	Yes	No	N/A
Sec 34	X-ray tube housing leakage	Yes	No	N/A
Sec 35	Stereotactic accuracy	Yes	No	N/A

## Part 5—Interpretation

Unless the contrary intention appears—

**BAL** means business activities licence;

**Compliance Verified** means—

- (a) in the case where an accredited tester has indicated a 'Yes', compliance with the specified test has been verified including the case where the test does not apply to the apparatus; or
- (b) in the case where an accredited tester has indicated a 'No', the apparatus is not compliant with the specified test or a verification of compliance is not possible;
- (c) in the case where an accredited tester has indicated a 'N/A', the test does not apply to the apparatus.

**EPA** mean the South Australian Environment Protection Authority;

**Sec** means section of the specified test protocol;

**S/N** means serial number.