

Test 50: Screen film Mammography Weekly

Screen Film Mammography image quality evaluation (phantom images)

At a minimum, the 4 largest fibres: the 3 largest speck groups and the 3 largest masses must be visible.

The background optical density must be at least 1.4 and the density difference should be at least 0.4 for a 4-mm thick acrylic disk.

Maximum allowable changes are: mAs $\pm 15\%$; background density ± 0.2 ; density difference ± 0.05 ; fibre, speck groups or mass score decrease by 0.5.

Check manual for correct procedure.

Test 51: Screen film Mammography

Compression On acceptance & 6 monthly

The maximum compression force must be between 111 Newton (11.3 kg) and 200 Newton (20.4 kg)

Test 52: Repeat and reject analysis 3 monthly

May not increase with more than **2%** from the previous determined rate and

total rejection rate shall not exceed **5%**

Test 53: Accuracy of stereotactic device

6 monthly

Test 54: Exposure technique chart

6 monthly

Test 55: Analysis of fixer retention in film

6 monthly

