

Radiation Control Program

Violations Summary Report -- 2004 Violations

Inspections Performed by X-Ray Inspectors

From 1/1/2004 Through 12/31/2004

Description of Violation	Number of Violations
OS&P not complete/not available; certificate, RPP, or NOV not available	2,544
Compliance test &/or corrective action not performed	1,256
Time-temp. chart, timer, therm. not available; Wrong safelight filter, wattage, &/or distance	842
Collimator indicators, PBL, light field, &/or centers alignment inadequate	494
Personnel not credentialed; operators, physician, physicist	334
Registration or certification: none, not current, expired	306
Annual protective device test not performed	298
Public dose surveys not performed; Dose to public excessive	272
Occupational dose not determined; Current year dose not determined	212
Patient exposure at skin entrance (ESE) exceeded limits	190
Radiation area caution signs not posted; No machine label	182
Technique chart not available	160
Mammo QC, physicist eval., or physician review of QC not performed; phantom tech. not patient tech.	150
Output reproducibility &/or mA linearity inadequate	132
Indicators of x-ray production, multiple tubes, battery charge, AEC operation not available	128
Timer inaccurate or non-reproducible; Exposure untimed	120
'Notice to Employees' not posted	108
Annual fluoroscopic entrance exposure measurements not performed	104
Mammo QC failed &/or phantom failed without ceasing mammograms	98
Technique factors not indicated prior to exposure: kVp, mA, mAs, time, AEC	76

Other x-ray & other mammo	74
Current personnel dose unknown; PM records not available	72
Mammo patient film not provided or not retained	56
Protective devices &/or holding devices not available or not used	44
Technique chart does not match techniques used clinically	36
Patient viewing system not available or not used; Two-way aural communication not available	34
Mammo anti-scatter grids not available; Compression paddle misaligned	32
Fluoro collimation (spot film, input phosphor, Min @ max, &/or stepless) not adequate	32
Service company not registered &/or used by registrant	30
QA/QC records not available	28
Inadequate HVL	24
Mammo QC corrective action not performed	22
Mammo image not processed w/in 24 hrs.; Batch processing not performed properly	16
Inappropriate PM device; PM device used improperly; Supplier not NVLAP	16
Operator collimation inadequate	12
Therapy annual calibration not performed	12
Survey instrument calibration not performed	10
Code not used	8
Tube housing assembly not stable or hand held during radiography	6
Deliberate exposure to radiation	4
Incomplete technique chart	4
Mammo AEC not providing constant density; Mammo kVp inaccurate	4
Code not used	4
Operator's position exposure > 2 mR in any one hour	4
CT dose measurements, spot checks not performed	2
Overexposure report to Agency or individual not performed	2

Training records for assembler, calibrator, consultant not available	2
RSO quarterly audit records not available	2
X-Ray machine not specifically designed for mammography	2
Minimum source to skin distance (SSD) exceeded (radiographic & dental)	2
Code not used	2
Exposure switch not the 'deadman' type	2
Fluoro high level operates w/o continuous pressure &/or continuous signal	2
Fluoro minimum SSD inadequate	2
Fluoro energized w/o primary barrier in locked position	2
Therapy warning indicators or access interlocks not adequate	2
Code not used	2

Report Compiled on: August 09, 2005

