Appendix 4

Appendix 4A

Correction Factors for KVp Readings Due to Filtration Variations of X-ray Units

KVp	KV Correction / mm Change in Total Al Equivalent Filtration
50	0.1
60	0.2
70	0.3
80	0.5
90	0.6
100	0.8
110	0.9
120	1.1
130	1.5
140	2.1

Multi Function Meter Radiographic – calibrated at 3.28 mm Al.

Appendix 4B

Effective Focal Spot Size for a Magnification of 4/3

Smallest Group Resolved	1 p/mm of Group	Dimension of Effective Focal Spot
1	0.84	4.3 mm
2	1.00	3.7 mm
3	1.19	3.1 mm
4	1.41	2.6 mm
5	1.68	2.2 mm
6	2.00	1.8 mm
7	2.38	1.5 mm
8	2.83	1.3 mm
9	3.36	1.1 mm
10	4.00	0.9 mm
11	4.76	0.8 mm
12	5.66	0.7 mm