

Appendix 1

Appendix 1.A

QC Equipments for the X-Ray Machine



Figure (1): Digital QC Kit RMI.

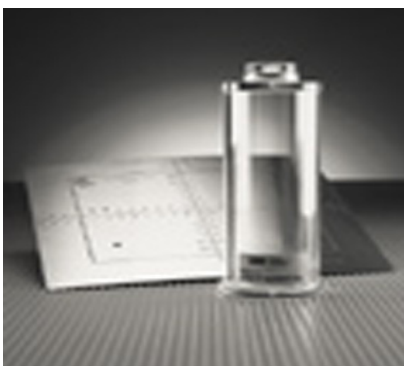


Figure (2):Beam Alignment Test Tool 161B, collimator test tool, 162B.



Figure (3): Focal Spot Test Tool 112B.



Figure (4): Aluminum Sheets with different thicknesses 1100.



Figure (5): RAD-CHECK 115A.



Figure (6): Multi-function meter 240A.



Figure (7): Radiographic Survey Phantom

Appendix 1.B
QC kit for Darkroom



Figure (8): Darkroom, Processor QC kit.

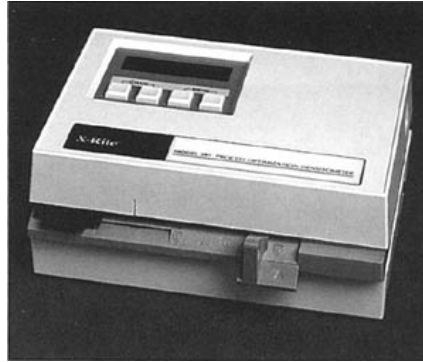


Figure (9): Sensitometer



Figure (10): Densitometer.



Figure (11): Tape Measure, Level.

Appendix 1.C
Images of QC Tools

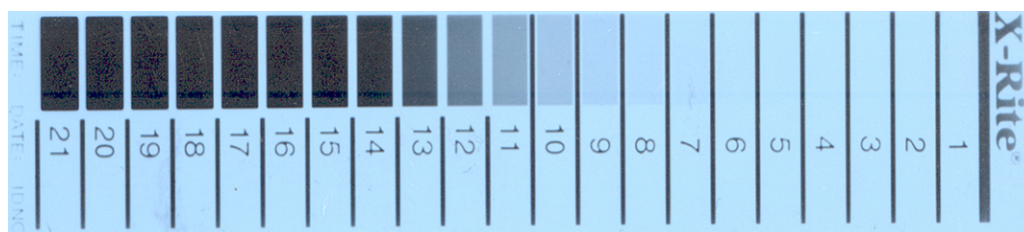


Figure (12): Sensitometry image, step-1: Base +FOG, step-10: Low contrast = $0.25 + (\text{Base} + \text{Fog})$, step-12: MD(speed = 1+(Base + Fog)), step-14: HD=2+ (Base + Fog)

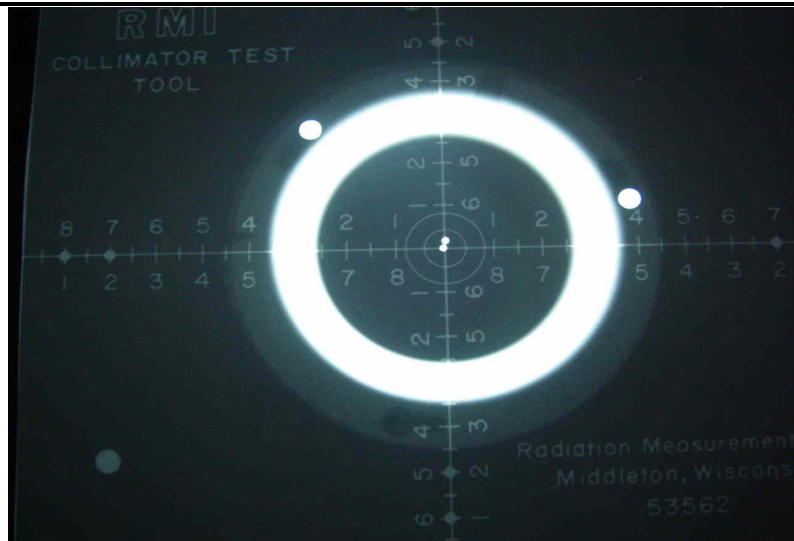


Figure (13): Beam Alignment and Coinciding Test image.