

National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation



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CALIBRATION LABORATORIES

NVLAP LAB CODE 105018-0

CDRH X-RAY CALIBRATION LABORATORY

12720 Twinbrook Parkway, HFZ-143

Rockville, MD 20857

Mr. Frank Cerra

Phone: 301-443-2536 x123 Fax: 301-443-9101

E-Mail: fxc@cdrh.fda.gov

URL: <http://www.fda.gov/cdrh>

This facility has demonstrated compliance with the NVLAP Criteria for Calibration Laboratories under the field of Ionizing Radiation for the following:

Procedures/Instruments

Calibration of Survey Instruments

Radiation Types

X-ray Beam Codes M30, M50, L80, L100, and M100 over the Exposure Rate Range 2 mR/s to 100 mR/s, and the H50 Beam Code over the range 0.5 mR/h to 4 mR/s, with total uncertainty in the reference field value of ± 5 percent.

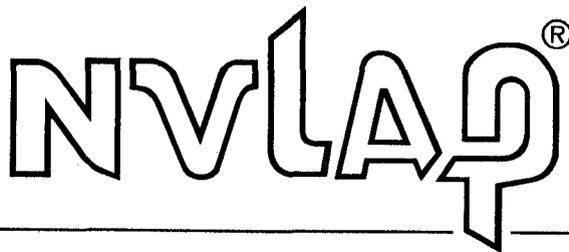
December 31, 2004

Effective through

A handwritten signature in black ink, appearing to read 'William R. Miller', is written over a horizontal line.

For the National Institute of Standards and Technology

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Calibration of Instruments for Diagnostic
Level

X-ray Beam Codes M20, M30, M50, L80, L100, and
M100 over the Exposure Rate Range 2 mR/s to 100 mR/s,
with total uncertainty in the reference field value of ± 3
percent.

Mammography entrance Beam Codes Mo/Mo25, Mo/Mo
28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh
30, and Rh/Rh 35 over the Exposure Rate Range 5 mR/s
to 200 mR/s, with total uncertainty in the reference field
value of ± 3 percent.

Mammography exit Beam Codes Mo/Mo 25X, Mo/Mo
28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh
35X over the Exposure Rate Range 2 mR/s to 17 mR/s,
with total uncertainty in the reference field value of ± 3
percent.

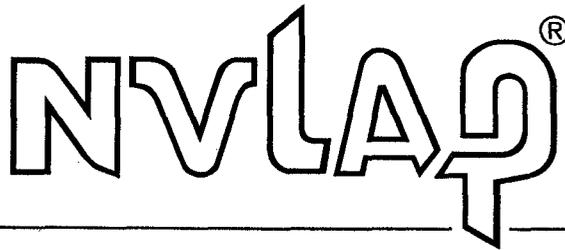
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Calibration of Reference-Class Instruments X-ray Beam Codes M20, M30, M50, L80, L100, and M100 over the Exposure Rate Range 2 mR/s to 100 mR/s, with total uncertainty in the reference field value of ± 3 percent.

Mammography entrance Beam Codes Mo/Mo25, Mo/Mo 28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh 30, and Rh/Rh 35 over the Exposure Rate Range 5 mR/s to 200 mR/s, with total uncertainty in the reference field value of ± 3 percent.

Mammography exit Beam Codes Mo/Mo 25X, Mo/Mo 28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh 35X over the Exposure Rate Range 2 mR/s to 17 mR/s, with total uncertainty in the reference field value of ± 3 percent.

December 31, 2004

Effective through

A handwritten signature in black ink, appearing to read 'William R. Mohr'. The signature is written in a cursive style.

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