



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CDRH X-Ray Calibration Laboratory
 Food and Drug Administration
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 Silver Spring, MD 20993-0002
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CALIBRATION LABORATORIES

NVLAP LAB CODE 105018-0

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

NVLAP Code: 20/I01
 Dosimetry of X-Rays, Gamma Rays, and Electrons

<i>Procedure/Instruments</i>	<i>Beam Codes</i>	<i>Range</i>	<i>Uncertainty</i> ^{note 1}
Calibration of Survey Instruments	H50	0.5 mR/h to 200 mR/s	5 %
Calibration of Instruments for Diagnostic Levels	L80, L100, M20, M30, M50, M80, M100, and M120	2 mR/s to 100 mR/s	3 %
Mammography entrance	Mo/Mo 25, Mo/Mo28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh 30, and Rh/Rh 35	5 mR/s to 200 mR/s	3 %
Mammography exit	Mo/Mo 25X, Mo/Mo 28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh 35X	2 mR/s to 17 mR/s,	3 %
Calibration of Reference-Class Instruments	L80, L100, M20, M30, M50, M80, M100 and M120	2 mR/s to 100 mR/s	3 %

2009-01-01 through 2009-12-31

Effective dates

For the National Institute of Standards and Technology



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Mammography entrance	Mo/Mo 25, Mo/Mo28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh 30, and Rh/Rh 35	5 mR/s to 200 mR/s	3 %
Mammography exit	Mo/Mo 25X, Mo/Mo 28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh 35X	2 mR/s to 17 mR/s,	3 %

1. Represents an expanded uncertainty using a coverage factor, $k = 2$, at an approximate level of confidence of 95 %.

2009-01-01 through 2009-12-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology