



K&S Associates, Inc.
 1926 Elm Tree Drive
 Nashville, Tennessee 37210-3718
 800-522-2325 Fax 615-871-0856



Diagnostic X-Ray Accredited Calibration Service

Facility _____ Phone _____

Person _____ E-Mail _____

Calibration Techniques available – Mammography, Radiographic, Fluoroscopic, CT, Survey, Low Rate.

Combined Expanded Uncertainties (including NIST) at the 95% confidence level:

Mammography: 3%

Rad/Fluoro/CT: 5%

Survey Meter X-ray point: 10%

Technique kVp Energies available to calibrate at. *Each additional calibration energy incurs an additional cost.

Mammography*

***Three energies to calibrate preferred**

24 kVp (0.27 mm Al HVL)
 25 kVp (0.29 mm Al HVL)
 26 kVp (0.31 mm Al HVL)
 28 kVp (0.33 mm Al HVL)
 30 kVp (0.35 mm Al HVL)
 32 kVp (0.36 mm Al HVL)
 35 kVp (0.38 mm Al HVL)

Radiographic

***Three energies to calibrate preferred**

50 kVp (1.83 mm Al HVL)
 60 kVp (2.20 mm Al HVL)
 80 kVp (2.90 mm Al HVL)
 100 kVp (3.70 mm Al HVL)
 120 kVp (4.49 mm Al HVL)
 140 kVp (5.37 mm Al HVL)

Fluoroscopic

***Three energies to calibrate preferred**

50 kVp (1.83 mm Al HVL)
 60 kVp (2.20 mm Al HVL)
 80 kVp (2.90 mm Al HVL)
 90 kVp (3.31 mm Al HVL)
 100 kVp (3.70 mm Al HVL)

CT

120 kVp (8.34 mm Al HVL)
 140 kVp (9.18 mm Al HVL)

Survey Meter**

70 kVp (8.0mm Al HVL)
 90 kVp (9.5 mm Al HVL)
 110 kVp (10.7 mm Al HVL)

Low Rate Dosimeters

70 kVp (8.0 mm Al HVL)
 90 kVp (9.5 mm Al HVL)
 110 kVp (10.7 mm Al HVL)

*Complies with MQSA requirements for NIST measurement assurance agreement- 900.2(xx)
 and for NIST traceability 900.12(d)(12)

** Single point calculation. Survey meter linearity is established with a separate Cs-137 calibration

Equipment / Chamber (list kVp energy/s to calibrate at per chamber) _____

Equipment with **one** chamber at **one** energy

Quantity = ____

Same Equipment and additional chambers

Quantity = ____

Additional techniques / energies on chambers

Quantity = ____

Survey Meter Calibration at diagnostic x-ray point

Quantity = ____

(Linearity must be established on separate Cs-137 calibration)

Calibration intervals: Your re-calibration reminder will be set on a 12 month interval unless you specify otherwise. If you wish a re-calibration date recorded on your report please indicate the interval you require in the space provided. _____

American Express, MasterCard, Visa are accepted

email: info@kslab.com

web: <http://www.kslab.com>