UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-

April 10, 2007

MEMORANDUM FOR NIST SRM 1001 and 1008 Customers

Subject: Conversion of SRM 1001 and 1008 to Calibrated Artifact

The Standard Reference Materials for diffuse visual transmission density, SRM 1001 X-Ray Film Step Tablet and SRM 1008 Photographic Film Step Tablet, are being converted to calibration services to accommodate customer's needs for periodic recalibrations. SRM 1001 is primarily used for quality control in nondestructive testing (NDT) of metal welds and castings by x-rays. Similarly, SRM 1008 is used for quality control in dosimetry and imaging. Both SRMs are used to calibrate densitometers for these applications.

The new calibration services are:

38100C X-ray film Step Tablet Transmission Density Standard (new artifact)
38110C Recalibration of an X-Ray Film Step Tablet Transmission Density Standard
38120C Photographic Film Step Tablet Transmission Density Standard (new artifact)
38130C Recalibration of a Photographic Film Step Tablet Transmission Density Standard

Services 38100C and 3120C include the provision of a new step tablet artifact. 38110C and 38130C offer new opportunities for recalibration for customers interested in directly assessing drift in their optical density scales using a single artifact. Step tablets sent for recalibration should be in good condition. All services are scheduled for completion within 90 days after the receipt of a purchase order (and step tablet in the case of recalibration).

To inquire about shipping address and scheduling for a recalibration service or the delivery schedule for a new step tablet, please contact Martin Wilson (martin.wilson@nist.gov), 301-975-2356. To arrange for purchase order or credit card payment for these services, contact Calibration Services (calibrations@nist.gov), 301-975-2092, fax 301-869-3548. NIST policy requires that non-US customers prepay for calibration services. Your organization is responsible for all shipping charges. This information and more can be found on the following web page: http://ts.nist.gov/MeasurementServices/Calibrations/cal-op.cfm.

Sincerely,

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