

**SQAD-6 Quality Control Notice (QCN)**

**Sub Code: CALI**

**Furnish certificate of calibration traceable to NIST**

Each item ordered for which this quality statement is specified requires a "Certificate of Calibration." The Certificate shall contain the following:

- A. Exelon PO Number / Contract Number/Delivery or Work Authorization number, if applicable.
- B. Name, model number, serial number or Exelon material tag number of the item calibrated.
- C. Date on which the calibration was performed.
- D. Identification of the calibration standard(s) used.
- E. Accuracy of the item calibrated expressed in commonly used and industry-accepted terminology; e.g., % accuracy or range of acceptable values.
- F. Statement of traceability to the National Institute of Standards and Technology (NIST) or other nationally recognized agency/standard. (If other than the NIST, this agency shall be specified.)
- G. If the item calibrated has multiple ranges of operation; the calibration data shall be furnished for each operating range.
- H. If the item calibrated is a digital instrument with multiple ranges, the calibration data furnished shall show one range calibrated to at least five (5) points on that range as specified in "E" above. All other ranges shall be calibrated in accordance with manufacturer's procedures or as a minimum to two (2) points of calibration.
- I. If the item was submitted for re-calibration, the calibration data shall state the "as found" or "prior to re-calibration" readings and the "as left" or "after calibration" readings.
- J. Statement that the calibration was performed with standard(s) having accuracy at least 4 times the required accuracy of the equipment calibrated. When this accuracy ratio cannot be attained, the range and/or point of calibration affected shall be identified along with the accuracy ratio used or the uncertainty of the measurement process.
- K. Statement that the item calibrated is within the specified accuracy in all operating ranges.