

Subject: Specifying, Using, and Calibrating Measuring and Test Equipment	Effective Date: February 12, 2018	Initiated by: Head, Engineering Department
	Supersedes: P-086, R4, Dated: March 7, 2010	Approved: Director

Management System (Primary): 03.00 Engineering
Management System Owner: Head, Engineering Department
Management Process: 03.04 Engineering Programs and Processes
Process Owner: Head, Engineering Department
Sub-Process: 03.04.04 Calibration of Measuring and Test Equipment (M&TE)
Sub-Process Owner: Head, Project Management
Subject Matter Experts (SMEs): Head, Project Management; Head, Plant I&C Group; Head, Fabrication Group

Measuring and test equipment (M&TE) used in the inspection or acceptance-testing process shall be tested and re-calibrated so that they are reliable to confirm results. M&TE shall be calibrated to standards traceable to the National Institute of Standards and Technology, when applicable. Responsible Engineers shall identify when calibrated M&TE is required. Per the Quality Assurance Program Description (QAPD), calibrated M&TE is required for Graded Approach classifications A1, A2, and A3.

As well as planned re-calibration, M&TE are required to be re-calibrated if dropped, subject to abusive treatment, or the accuracy is suspect.

Calibrations may be performed in one of PPPL’s Calibration Laboratories or by a certified external facility. Managers of Calibration Laboratories and Shops are responsible for establishing their calibration procedures.

The requirements for calibrated measuring tools are defined per procedure ENG-002, “Control of Measuring and Test Equipment and Calibration.”