INNOVATING NUCLEAR TECHNOLOGY
ANALYSIS AND MEASUREMENT SERVICES CORPORATION

CROSS CALIBRATION

In-Situ Calibration Verification of Resistance Temperature Detectors (RTDs) and Thermocouples

About

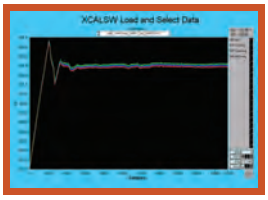
Cross calibration testing provides calibration verification of Resistance Temperature Detectors (RTDs) and thermocouples without the need to remove the sensors from the process. AMS offers a variety of cross calibration services and products to meet your plant's particular maintenance needs.

Services

Highly skilled and experienced AMS personnel can perform the test at your plant and are available when you need them.

Equipment

Purchase AMS cross calibration data acquisition equipment and software for use by your own personnel. Equipment and software training are also available.



Software

Recent advances in technology have made it possible to perform cross calibration using data from the plant computer. Analysis can be performed onsite, or the data can be sent to AMS for analysis.

Benefits

- Automates Conventional Cross Calibration Tests at Plant Shut Down or Startup
- May Be Performed at Temperature Ramp to Save Outage Time
- Data Can be Retrieved Using Dedicated Equipment or Plant Computer
- Avoid Replacing an Outlier RTD on Critical Path by Automatically Generating New Calibration Tables
- Synchronize Data Acquisition at Multiple Locations Using Existing Plant Wiring
- Follows NRC Branch Technical Position (BTP) 13 Methodology Including Recommended Corrections for Plant Temperature Instability and Non-Uniformity
- No Loss of Temperature Indication in the Control Room During Testing

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*10CFR50 Appendix B Program