

Coded Note Number: **C3025**

Revision Level: **C004**

Date: **February 4, 2025**

Title: **FACTORY ELECTRICAL SHIPBOARD MEASUREMENT EQUIPMENT CALIBRATION CERTIFICATION**

A calibration certification by an ISO 17025 accredited lab is required. Equipment shall be shipped to NNS within 30 days of calibration date.

Calibration certification shall include the following information for each item requiring calibration:

1. Vendor part or model number
2. Device serial number
3. Responsible signature (of person performing calibration)
4. Signatory person's position
5. Calibration Facility Company (activity) name
6. Location where calibration was performed
7. Date of calibration performed, and next calibration due date
8. A statement that the standards used for the calibration are, traceable to National Institute of Standards and Technology (NIST), and that the supplier's calibration system, meets the requirements of ISO 17025.
9. Environmental conditions under which calibration was performed
10. Actual test point readings up scale and /or down scale for a minimum of five (5) equally spaced test points, substantiating that subject instrument meets manufacturer's advertised accuracy
11. Procedures used for calibration need to be provided.
12. Regarding acceptance criteria, the Test Uncertainty Ratio (TUR) shall be 4:1. If a TUR of 4:1 is not achievable, a Probability of False Acceptance (PFA) calculation needs to be performed with less than or equal to 2%, and Probability of False Rejection (PFR) calculation needs to be performed with less than or equal to 15%. Anything less will result in a limited use calibration that the end-user will need to agree to.

Submit Calibration Certification as follows:

- E-mail a copy to: X36CalibrationServices@nns.com or
- Mail to (only if e-mail unavailable):

Newport News Shipbuilding
Electrical Calibration Shop, Department X36
Building: B4931-1F9
4101 Washington Avenue, Newport News, VA 23607
PHONE: 757-688-8341

Revision History Table

Rev	Description	Revision Date
C003	Modified Bullet 10.	10-14-15
C004	<ul style="list-style-type: none"> • Updated certification criteria requirement: <ul style="list-style-type: none"> ○ Added "ISO 17025 accredited lab" requirement ○ Added "performed, and next calibration due date" to note #7 ○ Removed "or ISO 10012-1" from note #8. ○ Added note #11 ○ Added note #12 • Updated e-mail address & mailing address information 	2-4-25

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.