QA CORNER TOPICS

- Customer Service Bulletins Issued in 2017
WHAT DID WE DO?

Over the past 8 months Teledyne LeCroy Test Services (TLTS) has performed a complete overhaul of our Quality Assurance Program.

We have improved our program to include the requirements specified in ASME NQA-1 2008, Add. 2009.

ASME Nuclear Quality Assurance Program

Quality Assurance Requirements for Nuclear Facility Applications
<table>
<thead>
<tr>
<th>FROM THIS</th>
<th>TO THIS</th>
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<tbody>
<tr>
<td>NQA-1 CERTIFIED</td>
<td>NQA-1</td>
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<tr>
<td>Administrative Procedures AP-1 thru AP-21</td>
<td>Nuclear Administrative Procedures NAP-1 thru NAP-15</td>
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</tbody>
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CUSTOMER SERVICE BULLETINS - 2017

• **2017-01: CSB Improved Accuracy For SPE** (issued January 31, 2017)
  - The stated uncertainty of digital displacement encoders was improved from ±0.12% to **±0.04% of Full Scale** (or ±0.012 inches)
  - Material of the protective housing has been changed from plastic to aluminum
  - Specific Models: QL3 SPE 30 inch, p/n: 160564
    QL3 SPE 50 inch, p/n: 160643
CUSTOMER SERVICE BULLETINS - 2017

- **2017-02**: CSB QLUtilitySensor Documentation (issued March 07, 2017)
  - QUIKLOOK software transmittals (CDs) were sent out referencing a previous V&V of QLUtilitySensor.exe
CUSTOMER SERVICE BULLETINS - 2017

• **2017-03: CSB SPMD Sensitivity** (issued August 08, 2017)
  
  • Past practice for customers using SPMD’s on Limitorque actuators has been to use a negative sign convention so that the SPMD trace will look similar to stem thrust and torque traces. TLTS reverted to the negative sign convention on SPMD sensitivity.

  • This notice is simply intended to clarify the standard protocol of sign convention for SPMD’s and remind users of their ability to control sign convention as they see fit.
Any Questions?

THANK YOU