



November 19, 2020  
Attn. David Simmons  
Kent County Water Authority  
1072 Main St,  
West Warwick, RI 02893

Dear Mr. Simmons,

Below you will find a summary for your request for a formal statement regarding the accuracy of Neptune products and the testing procedures.

**Summary of Test Procedures for Meters, Registers and RF products**

Neptune Technology Group's quality system is registered to International Standard ISO 9001:2015. Neptune's quality system is audited annually by an accredited third-party auditing firm to assure compliance to the standard. To achieve and maintain compliance, Neptune must strictly adhere to calibration procedures for all our manufacturing and testing equipment used to produce and verify the quality of our water meters.

Neptune tests meters for hydrostatic pressure and accuracy. Accuracy tests utilize high resolution quadrature encoders and gravimetric tanks mounted on precision scales. These scales are calibrated quarterly by an outside 3rd party whose weights are traceable to NIST.

Neptune 100% tests registers for torque and proper gearing to ensure that each register meets exacting quality and engineering standards. The Register Torque Test ensures that all registers fall within compliance of our extremely low register torque specification. This ensures there is no reduction in meter accuracy due to the register. The Register Run-In test ensures that all registers conform to the specified register ordered and will magnetically couple and totalize correctly when mounted on any Neptune corresponding meter.

All RF transmitters are 100% tested to ensure all RF parameters meet Neptune and FCC Part 15 specifications.

All supplied product and internally produced components are verified with Neptune-generated Product Quality Plans. All gauges used to measure production parts are validated and/or calibrated with standards traceable to NIST or by outside calibration companies certified to ISO 17025 or A2LA certified.

These processes and test procedures assure that Neptune is compliant to ISO 9001:2015 and to AWWA specifications.

Regards,  
Tom Gudauskas

A handwritten signature in blue ink that reads "Tom Gudauskas".

Director of Quality  
Neptune Technology Group, Inc.