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ANSI Class 0.2 Accuracy Certificate

Power Sensors Ltd. PQube® 3 AC Analyzer

ANSI C12.20-2010, Section 5.5.4 (accuracy tests)

Equipment Under Test was equipped with the following accessories or options:
CTI-5A current module and PM1 power supply module
Certified at 120V to 400V L-N, 60 Hz, 5A rated current

ANSI C12.20-2010 Section	Test	Result	Remarks
5.5.4.1	No load	Pass	
5.5.4.2	Starting load	Pass	
5.5.4.3	Load performance	Pass	
5.5.4.4.3	Effect of variation of power factor for three-element meters	Pass	
5.5.4.5.2	Effect of variation of voltage for meters with a wide range voltage rating	Pass	
5.5.4.6	Effect of variation of frequency	Pass	
5.5.4.7	Equality of current circuits for multi-element meters	Pass	
5.5.4.8	Internal meter losses	Pass	Per engineering review
5.5.4.9	Temperature rise	Pass	Per engineering review
5.5.4.10	Effect of register friction	N/A	Test omitted for solid-state metering devices
5.5.4.11	Effect of internal heating	Pass	
5.5.4.12	Effect of tilt	N/A	Test omitted for solid-state metering devices
5.5.4.13	Stability of performance	Pass	
5.5.4.14	Effect of polyphase loading	Pass	

Tests were performed on three samples of PSL PQube®3 AC Analyzer, S/N P3001567, P3001592, P3001533. Manufacturer states that the tested samples are representative of Model PQube® 3.

This ANSI Class 0.2 Accuracy Certificate summarizes the results of the PSL ANSI Class 0.2 Accuracy Compliance Report, document #PSL ANSI C12.20-2010 Test Report – PQube 3, dated 29 June 2015.



PSL PQube® 3 AC Analyzer

Signed: *Matthew Muh*

Name: Matthew Muh
Title: Senior Engineer, Power Standards Lab
Date: 29 June 2015