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accredited by the national accreditation body (RvA), based on the ISO/IEC 17020, with identification number I122 and the ISO/IEC 17025, with identification number L029. RvA is signatory member of both the Multi-Lateral Agreement of the European cooperation for Accreditation (EA) and the Mutual Recognition Arrangement of the International Laboratory Accreditation Cooperation (ILAC).
The evaluation results are reported under I122.
The test results, including interpretations, are reported under L029.
- Applicant : Schneider Electric dba Power Measurement Ltd.
2195 Keating Cross Road
Saanichton, BC V8M 2A5
Canada
- Meter under test, MUT : **A poly phase static watthourmeter**
Manufacturer : Schneider Electric
Type : PowerLogic ION9000
- Test specification : - IEC 62059-32-1
"Durability – Testing of the stability of metrological characteristics by applying elevated temperature"
- Type test standards relevant for the MUT : - IEC 62052-11
"Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment"
- IEC 62053-22
"Electricity metering equipment (AC) - Particular requirements - Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)"
- IEC 62053-24
"Electricity metering equipment (AC) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)"
- Testing period : April up to and including June 2019
- Result : The MUT complies with the requirements of the IEC 62059-32-1, class 0,2 S for active energy and class 0,5 S for reactive energy, as reported on the following pages.
- Issue date : 5 July 2019

Performed by:

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Approvals Expert

Reviewed by:

M.P. Cloo
Senior Approvals Expert

Tests	: The meters as specified in annex 2 were tested for compliance with the test standard as specified on page 1 of this type evaluation report. The performed tests are stated in annex 1. If applicable specific test conditions are stated at each test.
Traceability	: The measurements have been executed using standards for which the traceability to (inter)national standards has been demonstrated towards the RvA.
Uncertainty	: The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides a confidence level of approximately 95%. The total uncertainty of the measurements of the error of indication is 0,06% for power factor=1, and 0,10% for power factor=0,5 inductive or power factor=0,8 capacitive.
Annexes	: The complete type evaluation report consists of the following annexes: annex 1 : general information about the test annex 2 : characteristics of the tested meters annex 3 : test data annex 4 : air velocity in the test chamber annex 5 : Class 0,1 S assessment (Informative)
Remark	The test data as presented in annex 3 of this type evaluation report is performed under RvA accreditation with reference number L029, in which conformity to ISO/IEC 17025 has been demonstrated. The data as presented in the annexes 1, 2 and 3 gives extra information.