

Accreditation No. and Additional Information	ASNITE 0032 T
Date of Initial Accreditation	2009-07-23
Latest Date of Issue	2015-09-17
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Accreditation Standard	ISO/IEC 17025:2005 (Testing)

* JCN : Japan Corporate Number

Type of Testing	Materials or Products Tested	Test Method
Test of electrical performance specified in Article 681 or Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act	Watt-hour meters	<p>Following test methods specified in JIS C1211-2(2014) 7.2, JIS C1216-2(2014) 7.2 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.2.1 Start-up 7.2.2 Creeping 7.2.3 Influence of self-heating 7.2.4 Current characteristics 7.2.5 Influence of unbalanced load 7.2.6 Temperature characteristics a) 7.2.7 Voltage characteristics a), b) 7.2.8 Frequency characteristic 7.2.9 Influence of an external magnetic field a) 7.2.10 Effect of waveform 7.2.11 Influence of overcurrent a) 7.2.12 Influence of reverse current a) 7.2.13 Effect of voltage unbalance 7.2.14 Influence of interruption to service a), b) 7.2.15 Anti-static a), b) 7.2.16 Effect of impact noise a) 7.2.17 Impact of electromagnetic waves a), b) <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.2.1 Start-up 7.2.2 Creeping a) 7.2.3 Influence of self-heating 7.2.4 Current characteristics 7.2.5 Influence of unbalanced load 7.2.6 Temperature characteristics a) 7.2.7 Voltage characteristics a), b) 7.2.8 Frequency characteristic a) 7.2.9 Influence of an external magnetic field a) 7.2.10 Effect of waveform 7.2.11 Influence of overcurrent a), b) 7.2.12 Influence of reverse current a) 7.2.13 Effect of voltage unbalance 7.2.14 Influence of interruption to service a), b) 7.2.15 Anti-static a), b) 7.2.16 Effect of impact noise a) 7.2.17 Impact of electromagnetic waves a), b)

<p>Test of mechanical performance specified in Article 681 or Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p>	<p>Watt-hour meters</p>	<p>Following test methods specified in JIS C1211-2(2014) 7.3, JIS C1216-2(2014) 7.3 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.3.1 Mechanism, etc. a), d) 7.3.2 Transmitter 7.3.3 Output mechanism 7.3.4 Influence of inclination a) 7.3.5 Influence of vibration a), e) 7.3.6 Influence of impact a), e) <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.3.1 Mechanism, etc. a), c) 7.3.2 Transmitter 7.3.3 Output mechanism 7.3.4 Influence of inclination a) 7.3.5 Influence of vibration a), d) 7.3.6 Influence of impact a), d)
<p>Test of insulation performance specified in Article 681 or Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p>	<p>Watt-hour meters</p>	<p>Following test methods specified in JIS C1211-2(2014) 7.5, JIS C1216-2 (2014) 7.5 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.5.1 Insulation resistance 7.5.2 Commercial-frequency withstand voltage 7.5.3 Lightning impulse withstand voltage <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.5.1 Insulation resistance a) 7.5.2 Commercial -frequency withstand voltage a) 7.5.3 Lightning impulse withstand voltage
<p>Test of Weather resistance specified in Article 681 or Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p>	<p>Watt-hour meters</p>	<p>Following test methods specified in JIS C1211-2(2014) 7.6, JIS C1216-2(2014) 7.6 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.6 Test of weather resistance <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.6 Test of weather resistance
<p>Test of material specified in Article 681 or Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p>	<p>Watt-hour meters</p>	<p>Following test methods specified in JIS C1211-2(2014) 7.7, JIS C1216-2(2014) 7.7 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.7 Test of the material <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.7 Test of the material
<p>Test of temperature rise test of the current coil and terminal specified in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p>	<p>Watt-hour meters</p>	<p>Following test methods specified in JIS C1211-2(2014) 7.4, JIS C1216-2(2014) 7.4 referred to in Article 725 of Regulation for Verification and Inspection of Specified Measuring Instruments based on the Measurement Act</p> <p>JIS C1211-2(2014)</p> <ul style="list-style-type: none"> 7.4 Temperature rise test of the current coil and terminal <p>JIS C1216-2(2014)</p> <ul style="list-style-type: none"> 7.4 Temperature rise test of the current coil and terminal

The watt-hour meters applicable to the above scopes of test are restricted to those with the following specifications.

Type of meter	Phase and wire	Rated voltage V	Rated current A	Rated frequency Hz
Normal watt-hour meter	Single-phase three-wire	100	120 *1) 60 *1) 30 *1) 5 *2)	50 60
		110	5 *2)	
	Three-phase three-wire	200	120 *1) 60 *1) 30 *1) 5 *2)	

*1) Type 3 meter: Specified in JIS C1211-2(2014) 3.14 referred to in Article 712 of Regulation for Verification and Inspection of Specified Measuring Instruments

*2) For connection through instrument transformer: Specified in JIS C1216-2(2014) 3.12 referred to in Article 712 of Regulation for Verification and Inspection of Specified Measuring Instruments