



NER HV CT/VT Test Certificates Requirement

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What is a HV CT/VT Test Certificate?

Current Transformers (CT) and Voltage Transformers (VT) are measuring devices that are designed to measure the accuracy and safety of a power system. All High Voltage (HV) metering connections have CT's and VT's which play a critical role in ensuring the accuracy of meter data and result in over/under electricity billing of customers.

It is a requirement under clauses 7.3.2(e)(2), 7.9.1(a) and S7.6.1.2 of the National Electricity Rules (NER) to ensure CT/VTs have a valid test certificate. HV CT/VT equipment must be tested for accuracy every 10 years. HV CT/VT test certificates are issued by NATA accredited facilities or registered Metering Providers when testing results of CT's/VT's are within the limits of uncertainty.

Failure to meet the requirement to test HV CT/VT's every 10 years for accuracy in accordance with the NER can result in fines and penalties for non-compliance from the Australian Energy Regulator against Yurika Metering and its customers.

Yurika Metering values the safety of its people and customers as a high priority. The valid testing to ensure all CT/VT meters on site are compliant with market rules is one such safety obligation Yurika Metering values with the utmost importance.

What this means for you?

Yurika Metering as the Metering Coordinator is obligated to retain currency of test certificates and provide this information to the Australian Energy Regulatory, as and when requested. Our records show that we do not have a current certificate of currency on file for the high voltage instrument transformers at the metering installations at your site.

Valid Test Certificate

If you have had your instrument transformers tested and the test reports are in date, we ask that you provide us with a copy of the test reports for our files. Yurika Metering will update our records and inform the AER of compliance. No further action is required until the next test due date.

No Valid Test Certificate

In the event no current test records are available, the instrument transformers are required to be tested. Testing of instrument transformers used for metering must be performed by a NATA accredited facility or registered Metering Provider.

If HV Instrument testing needs to be conducted it may be advantageous to align this with your next planned maintenance shutdown.

Yurika Metering are able to assist with arranging an initial scope to review the requirements and provide a detailed quotation to conduct the works at your request. Alternatively this work can be carried out by your preferred certified Electrical Contractor and provide Yurika Metering with a Valid Test Certificate. Operating without a valid test certificate puts your organisation at risk of non-compliance in the Electricity Market?

When?

Testing is due as soon as possible. Yurika Metering will work with you, the Field Service Provider and your Distribution Network Service Provider to ensure the dates are at your earliest convenience within the timeframe required for market compliance.

Next Steps

We will be in touch shortly to arrange timing for scope and completion of tests to ensure compliance and avoid potential fines and penalties from the AER in respect of these sites.

Additional information that I need to know

Further clarification on the National Electricity Rules (NER) HV CT/VT Test Certificates Obligation Requirement can be found on the [AEMC website – NER Rules pg 1109](#)

We look forward to working with you in achieving safety and compliance for your organisation. For further details please email hvtesting@yurika.com.au.

