

ATTESTATION OF CONFORMITY

No. 74101422-MOC/INC 13-2436

Issued to:
Siemens
Wernerwerkdamm 5
13629 BERLIN
Germany

for the product:
SIPROTEC 5 7SL87 V2
Type: Slave station
With IEC60870-5-103 protocol firmware V2

With the implemented communication protocol:

IEC 60870-5-103 (IS 1998)

Companion Standard for the informative interface of protection equipment and the Siemens IEC 60870-5-103 Interoperability List, Document Version 1.0, Date 2/14/2012

The product has not been shown to be non-conforming to the specified protocol standard, including the interface requirements.

End-to-End data element tests for the information and control points as described in manufacturer Protocol Implementation Conformance Statement (PICS) have been performed on the product's protocol implementation. Functional tests in controlled mode are performed for the following levels:

<ul style="list-style-type: none">• <i>Station initialization in Unbalanced mode</i>• <i>Cyclic data transmission</i>• <i>Acquisition of events</i>• <i>General Interrogation</i>	<ul style="list-style-type: none">• <i>Clock synchronization</i>• <i>Command Transmission</i>• <i>Transmission of Disturbance records</i>• <i>Generic services</i>
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The test campaign did not reveal any errors in the product's protocol implementation.

This Attestation is granted on account of tests made at location of DNV KEMA in Arnhem, The Netherlands and performed with UnIECim version 2.25.01 (April 2012) running CS103 Test Suite version CS103MasterNormal 2.4. The results, including remarks and limitations, are laid down in our report no. 74101422-MOC/INC 13-2437.

The tests have been carried out on one single specimen of the product, submitted by Siemens. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DNV KEMA is not the responsibility of DNV KEMA.

Arnhem, December 17, 2012



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Intelligent Networks and Communication



P.H.S. Ermens
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IMPORTANT: Remarks apply to this implementation. See the resulting report for full details
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