

ATTESTATION OF CONFORMITY

No. 10096758-INC 19-2862

Issued to:

UAB Enilit,
Julijanavos str. 2,
LT-46351 Kaunas,
Lithuania

for the product:

ENILIT RTU
Type: 101 Unbalanced Slave station
Software version: V4.0
Hardware Model No:106-00330560BFC0-111111-0
Serial No.: 0078

With the implemented communication protocol:

IEC 60870-5-101 Edition 2 (IS 2003)

Companion Standard for basic telecontrol tasks in Standard direction and the UAB Enilit IEC 60870-5-101 Slave Station Unbalanced Interoperability Checklist (Version 1.2 , 2019)

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 compatible Basic Application Functions:

<ul style="list-style-type: none"> • Station initialization • Data acquisition by polling • Acquisition of events • General Interrogation • Clock Synchronization • Command transmission 	<ul style="list-style-type: none"> • Integrated Totals • Parameter loading • Test procedure • File Transfer • Background scan • Acquisition of transmission delay
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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 UAB Enilit in Kaunas, Lithuania and performed with *UniGrid Telecontrol Simulator* version 2.1.0 and *UniGrid Telecontrol 101 Analyser* version 1.0.3. The results, including remarks and limitations, are laid down in DNV GL Report no. 10096758-INC 19-2863.

The test has been carried out on one single specimen of the product as referred above and submitted to DNV GL by UAB Enilit. The manufacturer's production process has not been assessed. This attestation does not imply that DNV GL has verified any product other than the specimen tested.

Arnhem, August 21st, 2019


Niels A. Heijker
Business Leader
Interoperability of smart power systems

Issued by:

DNV KEMA is now DNV GL


Ovidiu C. Serban
Test Consultant

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