

ATTESTATION OF CONFORMITY

No. 10457582 -DSO 25-2415

Issued to:

Schweitzer Engineering Laboratories Inc.
2350 NE Hopkins Court
Pullman, WA 99163-5603
USA

for the product:

SEL-3350 Real-Time Automation Controller
Software version: SEL-3350-R153-V2-Z000125-D20250324
S/N: 1223191845
Interface: Ethernet (RJ45)

With the implemented communication protocol:

IEC 60870-5-104 Ed. 2.1 (IS 2006 + AMD1 2016)

Controlling Station

Network Access for IEC 60870-5-104 using standard transport profiles in Standard direction and the Protocol Implementation Conformance Statement "Interoperability Statement for IEC 60870-5-104 Controlling Station for the SEL RTAC – Version: R153-v3"

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"> • Station initialization • Redundant connection tests • Cyclic data transmission • Data acquisition through Read • Acquisition of events • General interrogation 	<ul style="list-style-type: none"> • Clock synchronization • Command transmission • Transmission of integrated totals • Test procedure
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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 in The Netherlands and performed with DNV UniGrid Telecontrol Simulator version 2.5.1 and UniGrid Telecontrol 104 Analyser version 3.4.1. The results, including remarks and limitations, are laid down in DNV report no. 10457582 -DSO 25- 2417.

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

Arnhem, March 6th, 2025

K. Lazaridis

Test Engineer
Interoperability of Power Systems

Issued by:



O.C. Serban

Principal Consultant & Team Leader
Protocol Competence and Test Center

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