

Certification No. 1904

This is to certify that the metering equipment identified as:

Type: NIK 2303

Mgmt. Logical Device Name: SAP = 1 is "4E494B2032333033" (NIK 2303)

Manufactured by: NIK-Elektronika LLC

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.1 extended edition, 64bits, release 102
- Licensed to: 20171020_NIK-ELEKTRONIKA_LLC_Kyiv (20.10.2017)
- COSEM object definitions file version: Object_defs_v3.1_released_170313.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	HDLC, DIRECT_HDLC	LONG_NAMES	—	21-NOV-2017 16:38:38	BE25478FCE0C11DA940EAE74E8B47B2D7 EED8129C6DD0717AA567CC4DA4A2B22
Test 2	HDLC, MODE_E	LONG_NAMES	—	21-NOV-2017 16:44:09	BF84A72ED41306868D90EE8720B167525F3 93A9C31A58038BA0E8C81E8CA6663

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: www.dlms.com.

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.



The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 23rd November 2017



Gyöző Kmety
President

Certification No. 1904

Summary of features tested for Test 1

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****  
* Identification *  
*****
```

```
Identification = {  
  Manufacturer = "\NIK-Elektronika LLC"  
  FLAGid = "\NIK"  
  Type = "\NIK 2303"  
  FirmwareId = "\EMSW"  
  FirmwareVersion = "\EMxxx v.2.01"  
  ConfigurationId = "\NIK 2303"  
  SerialNr = "\2303111056782017"  
}
```

```
*****  
* Summary *  
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	1	0	35	0
APPL	85	0	25	0	60	0
COSEM	482	0	4	0	478	0
SYMSEC		All (No ciphered association with the required properties)				
PUBSEC		All (No ciphered association with the required properties)				

```
Communication profile:          HDLC  
Application context names:     LONG_NAMES  
Authentication mechanisms:     NO_SECURITY,LOW_LEVEL_SECURITY  
ACSE and xDLMS features:      GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET  
Security features:             (not collected)  
Data protection features:      (not collected)  
Logical device(s) found:       SAP = 1 is "4E494B2032333033" (NIK 2303)  
COSEM classes tested:          1,3,8,15(1),17  
COSEM classes found but not tested: (none)
```

Certification No. 1904

Summary of features tested for Test 2

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****  
* Identification *  
*****
```

```
Identification = {  
  Manufacturer = "\NIK-Elektronika LLC"  
  FLAGid = "\NIK"  
  Type = "\NIK 2303"  
  FirmwareId = "\EMSW"  
  FirmwareVersion = "\EMxxx v.2.01"  
  ConfigurationId = "\NIK 2303"  
  SerialNr = "\2303111056782017"  
}
```

```
*****  
* Summary *  
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (MODE_E)				
APPL	85	0	25	0	60	0
COSEM	482	0	4	0	478	0
SYMSEC		All (No ciphered association with the required properties)				
PUBSEC		All (No ciphered association with the required properties)				

```
Communication profile:          HDLC  
Application context names:     LONG_NAMES  
Authentication mechanisms:     NO_SECURITY,LOW_LEVEL_SECURITY  
ACSE and xDLMS features:      GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET  
Security features:             (not collected)  
Data protection features:      (not collected)  
Logical device(s) found:      SAP = 1 is "4E494B2032333033" (NIK 2303)  
COSEM classes tested:         1,3,8,15(1),17  
COSEM classes found but not tested: (none)
```