

## Certification No. 1992

This is to certify that the metering equipment identified as:

**Type: S34U8**

**Mgmt. SAP = 1 is "41555853333455382052322D30322020" (AUXS34U8 R2-02 )**

**Manufactured by: Ningbo Sanxing Smart Electric Co., Ltd**

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

- CTT version: CTT 3.0 standard edition, 64bits (109)
- Licensed to: Ningbo\_Sanxing\_Smart\_Electric\_Co\_Ltd (2016-11-21)
- COSEM object definitions file version: Object\_defs\_v3.3\_released\_180601.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	—	18-JUL-2018 14:43:19	83799A55A6436EE13F67AFABFF2BCAE5EC 235C6A457C63467232663DC2565405
Test 2	HDLC, MODE_E	LONG_NAMES	—	18-JUL-2018 15:01:21	8918F849E35B31E6B268A45B77D80E7C2202 284FE04B26634C1032092943740C

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](http://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 20<sup>th</sup> July 2018



Gyöző Kmethy  
President

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## 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 = "\Ningbo Sanxing Smart Electric Co., Ltd"  
  FLAGid = "\AUX"  
  Type = "\S34U8"  
  IUTIsModule = FALSE  
  SerialNr = "\201807180001"  
  Comment = "\This is a comment"  
  Comment = "\This is another comment"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	2	0	34	0
APPL	50	0	12	0	38	0
COSEM	3623	0	4	8	3611	0

```
Communication profile:          HDLC  
Application context names:     LONG_NAMES  
Security mechanisms:           NO_SECURITY, LOW_LEVEL_SECURITY  
ACSE and xDLMS features:      GET, SELECTIVE_ACCESS  
                               SERVICE_SPECIFIC_BLOCK_TRANSFER, SET  
Security features:             (not collected)  
Logical device(s) found:      SAP = 1 is "41555853333455382052322D30322020"  
(AUXS34U8 R2-02 )  
COSEM classes tested:         1, 3, 4, 5, 7(1), 8, 9, 11, 15(1), 17, 18, 19, 20, 22  
                               23(1), 40, 64, 70, 71  
COSEM classes found but not tested: (none)
```

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## 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 = "\Ningbo Sanxing Smart Electric Co., Ltd"  
  FLAGid = "\AUX"  
  Type = "\S34U8"  
  IUTIsModule = FALSE  
  SerialNr = "\201807180001"  
  Comment = "\This is a comment"  
  Comment = "\This is another comment"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (MODE_E)				
APPL	50	0	12	0	38	0
COSEM	3623	0	4	8	3611	0

```
Communication profile:          HDLC  
Application context names:     LONG_NAMES  
Security mechanisms:           NO_SECURITY, LOW_LEVEL_SECURITY  
ACSE and xDLMS features:      GET, SELECTIVE_ACCESS  
                               SERVICE_SPECIFIC_BLOCK_TRANSFER, SET  
Security features:             (not collected)  
Logical device(s) found:      SAP = 1 is "41555853333455382052322D30322020"  
(AUXS34U8 R2-02 )  
COSEM classes tested:         1, 3, 4, 5, 7(1), 8, 9, 11, 15(1), 17, 18, 19, 20, 22  
                               23(1), 40, 64, 70, 71  
COSEM classes found but not tested: (none)
```