device
language
message
specification TM

Certification No. 1997

This is to certify that the metering equipment identified as:

Type: S34GV3

Mgmt. SAP = 1 is "415558533334475633" (AUXS34GV3)

Manufactured by: Ningbo Sanxing Smart Electric Co., Ltd

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

- CTT version: CTT 3.1 standard edition, 64bits, release 105
- Licensed to: Ningbo_Sanxing_Smart_Electric_Co_Ltd (2016-11-21)
- COSEM object definitions file version: Object_defs_v3.2_released_180306.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	—	31-JUL-2018 17:33:10	5859579D0370BCD06CA0A03F9E5F0B03F22 BAD67DD4809E07DD734D195A40379
Test 2	HDLC, MODE_E	LONG_NAMES	—	01-AUG-2018 11:28:43	448E66F0B34EAE9EDC6EA13DFCA5FA74B9 E4AF202998DA8514137480E1A5470A

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.

COSEM Compliant

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 2nd August 2018

Győző Kmethy
President

Certification No. 1997

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 = "\S34GV3"
  IUTIsModule = FALSE
  SerialNr = "\12345678"
  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    57      0         19             0              38       0
COSEM   7760    0         2              1              7757     0

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 "415558533334475633" (AUXS34GV3)

COSEM classes tested:             1,3,15(1),17

COSEM classes found but not tested:  (none)
```

Certification No. 1997

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 = "\S34GV3"
  IUTIsModule = FALSE
  SerialNr = "\12345678"
  Comment = "\This is a comment"
  Comment = "\This is another comment"
}

***********
* Summary *
***********

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(MODE_E)
APPL    57      0         19             0              38       0
COSEM   7760    0         2              1              7757     0

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 "415558533334475633" (AUXS34GV3)

COSEM classes tested:             1,3,15(1),17

COSEM classes found but not tested:  (none)
```