dlms

device ™
language
message
specification

DLMS UserAssociation

Bahnhofstrasse 28   Tel. +36 28 514 065
CH-6304 Zug   Fax +36 28 514 066
Switzerland   dlms@dlms.com

Certification No. 1561

This is to certify that the metering equipment identified as:

Type: DDZY178
Mgmt. Logical Device Name: SAP = 1 is "57534444445A59313738" (WSDDDZY178)
Manufactured by: Yantai Dongfang Wisdom Electric Co., Ltd.

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

- CTT version: CTT 3.0 extended edition, 64bits (102)
- Licensed to: 20150911_Yantai_Dongfang_Wisdom_Electric_ Co_CHINA (2015/9/11)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security suite	Date and time	Test Result hash value
Test 1	HDLC, Direct	LN,	0	29-SEP-2015 10:59:40	37DC7B19EA7444A2AD8C8CE418F524641075D91 2EFA2CDCEF62953C827374283
Test 2	HDLC, Mode_E	LN,	0	29-SEP-2015 11:04:12	E1E7176C9A707402C5328906F1782C1CA73D5169C178 6C17DA193730B9C67A1B
Test 3	TCP	LN,	0	03-OCT-2015 12:10:34	2FF37CF66E915D0A90040D241D4883A8CF7BC3D823 D605C8E9F2CAC5EDFFFFF9

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.

dlms
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 5th October 2015

Paul Fuchs
General Secretary

Certification No. 1561

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 = "\Yantai Dongfang Wisdom Electric Co., Ltd."
  FLAGid = "\WSD"
  Type = "\DDZY178"
  IUTIsModule = FALSE
  SerialNr = "1111"
}

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

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC    36      0         4              0              32       0
APPL    37      0         10             0              27       0
COSEM   139     0         1              0              138      0
SYMSEC          All (No association with a ciphered context)

Communication profile:          HDLC

Application context names:       LONG_NAMES

Security mechanisms:             NO_SECURITY

ACSE and xDLMS features:         GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:               (not collected)

Logical device(s) found:
                                 SAP = 1 is "57534444445A59313738" (WSDDDZY178)

COSEM classes tested:            1,3,4,8,9,15(1),17,21,23(1),70

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

Certification No. 1561

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 = "\Yantai Dongfang Wisdom Electric Co., Ltd."
  FLAGid = "\WSD"
  Type = "\DDZY178"
  IUTIsModule = FALSE
  SerialNr = "1111"
}

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

TYPE    TOTAL   SKIPPED  INAPPLICABLE   INCONCLUSIVE   PASSED    FAILED
----    -----   -------  ------------   ------------   ------    ------
HDLC            All(MODE_E)
APPL    37      0        10             0              27        0
COSEM   139     0        1              0              138       0
SYMSEC          All (No association with a ciphered context)

Communication profile:             HDLC

Application context names:         LONG_NAMES

Security mechanisms:               NO_SECURITY

ACSE and xDLMS features:           GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:                 (not collected)

Logical device(s) found:
                                   SAP = 1 is "57534444445A59313738" (WSDDDZY178)

COSEM classes tested:              1,3,4,8,9,15(1),17,21,23(1),70

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

Certification No. 1561

Summary of features tested for Test 3

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 = "\Yantai Dongfang Wisdom Electric Co., Ltd."
  FLAGid = "\WSD"
  Type = "\DDZY178"
  IUTIsModule = FALSE
  SerialNr = "1111"
}

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

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(Communication profile not HDLC)
APPL    37      0         10             0              27       0
COSEM   139     0         1              0              138      0
SYMSEC          All (No association with a ciphered context)

Communication profile:          TCP

Application context names:       LONG_NAMES

Security mechanisms:             NO_SECURITY

ACSE and xDLMS features:         GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:               (not collected)

Logical device(s) found:
                                 SAP = 1 is "57534444445A59313738" (WSDDDZY178)

COSEM classes tested:            1,3,4,8,9,15(1),17,21,23(1),70

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