dlms

device   ™
language
message
specification

DLMS UserAssociation

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Certification No. 1562

This is to certify that the metering equipment identified as:

Type: DTSD178
Mgmt. Logical Device Name: SAP = 1 is "57534444545344313738" (WSDDTSD178)
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 11:10:32	8AB98F86635BCDCA862000C76F34BEBB442436F5CA 90E798894E6ED591F85C64
Test 2	HDLC, Mode_E	LN,	0	29-SEP-2015 10:33:31	DA57CCAC29C243107C962B52008F0847EBAEE363850 749E337C07AC6A77E7413
Test 3	TCP	LN,	0	03-OCT-2015 12:19:17	319002D6951F49F4A4731F4E3AF5AF591686C244C398 635F491C4D3FA4F0E615

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

Paul Fuchs
General Secretary

Certification No. 1562

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 = "\DTSD178"
  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   568     0         1              0              567      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,SELECTIVE_ACCESS
                                SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:              (not collected)

Logical device(s) found:
                                SAP = 1 is "57534444545344313738" (WSDDTSD178)

COSEM classes tested:           1,3,4,5,7(1),8,9,15(1),17,21,23(1),70

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

Certification No. 1562

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 = "\DTSD178"
  IUTIsModule = FALSE
  SerialNr = "1111"
}

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

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(MODE_E)
APPL    37      0         10             0              27       0
COSEM   568     0         1              0              567      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,SELECTIVE_ACCESS
                                  SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:                (not collected)

Logical device(s) found:
                                  SAP = 1 is "57534444545344313738" (WSDDTSD178)

COSEM classes tested:             1,3,4,5,7(1),8,9,15(1),17,21,23(1),70

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

Certification No. 1562

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 = "\DTSD178"
  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   568     0         1              0              567      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,SELECTIVE_ACCESS
                                  SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:                (not collected)

Logical device(s) found:
                                  SAP = 1 is "57534444545344313738" (WSDDTSD178)

COSEM classes tested:             1,3,4,5,7(1),8,9,15(1),17,21,23(1),70

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