dlms

device ™
language
message
specification

DLMS User Association

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Certification No. 2185

This is to certify that the metering equipment identified as:

Type: DDZ1513(0BS2K2A)   **Active firmware(s): Id=SKE1-3D-190819 S=5C693F59**
                                           Id=7F-EMU-19071301 S=D789A169
                                           Id=DLMSLIB-V02.07 S=V02.07
Mgmt. SAP = 1 is "49484D3030313730303030303030303231" (IHM0017000000021)
Manufactured by: INHEMETER CO.,LTD.

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

- CTT version: CTT 3.1 standard edition, 64bits, release 107
- Licensed to: 20120917_Shenzhen_Inhemeter_Shenzhen_China (2012/9/17)
- 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, LONG_NAMES_ WITH_ CIPHERING	GENERAL_GLO_CIPHERING SERVICE_SPECIFIC_GLO_ CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	10-SEP-2019 21:39:59	EB2AAF0B3E09EE9854679072FC 4AF45601CE9412E0610E7C736DE 1739B772AEA

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 10th September 2019

Győző Kmethy
President

Viktória Varjú Timárné
Certification Engineer

Certification No. 2185

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 = "\INHEMETER CO.,LTD."
  FLAGid = "\IHM"
  Type = "\DDZ1513(0BS2K2A)"
  ConfigurationId = "\ConfigurationId"
  SerialNr = "\999900000033"
  Comment = "\1P meter"
}

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


TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC    36      0         1              0              35       0
APPL    71      0         18             0              53       0
COSEM   3878    0         1              37             3840     0
SYMSEC  78      0         12             0              66       0
PUBSEC          All (No ciphered association with the required properties)
DP      0       0         0              0              0        0
GBT             All (No association with the required properties)


Communication profile:          HDLC

Application context names:       LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:       NO_SECURITY,HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:         ACTION,GET,MULTIPLE_REFERENCES
                                 SELECTIVE_ACCESS
                                 SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:               GENERAL_GLO_CIPHERING
                                 SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                 SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:        (not collected)

Logical device(s) found:
                                 SAP = 1 is "49484D30303031373030303030303031"
(IHM0017000000021)
                                 SAP = 16 is "49484D31303031373030303030303031"
(IHM1017000000021)

Active firmware(s):              Id=SKE1-3D-190819 S=5C693F59
                                 Id=7F-EMU-19071301 S=D789A169
                                 Id=DLMSLIB-V02.07 S=V02.07

COSEM classes tested:            1,3,4,5,6,7(1),8,9,11,15(1),17,18,20,21,22
                                 23(1),64(1),70,71,111,112,113,115

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

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