dlms

device
language
message
specification

™

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Certification No. 2112

This is to certify that the metering equipment identified as:

Type: DDZ1513T   Active firmware(s): Id=SKI1-6E-181019 S=2DE1D33F, Id=9A-EMU-18060101 S=91CCFE24, Id=DLMSLIB-V02.07 S=V02.07

Mgmt. SAP = 1 is "49484D303033373044383631" (IHM00370D861)

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	SERVICE_SPECIFIC_GLO_ CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	16-MAY-2019 11:05:57	6E651E56D2564BB65C1780D4B1EF73 65CFCEF01A4005285E13EF0A80A8A 02462
This DDZ1513T meter type has already been certified as Certification No. 1286 tested on 4th December 2012 with CTT version 2.5.					

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.
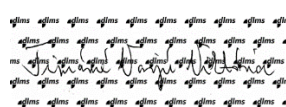
dlms
COSEM
Compliant

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 20th May 2019

Győző Kmethy
President

Viktória Varjú Timárné
Certification Engineer

Certification No. 2112

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 = "\DDZ1513T"
  ConfigurationId = "\ConfigurationId"
  SerialNr = "\37990000044"
  Comment = "\smart meter"
}

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

TYPE    TOTAL  SKIPPED  INAPPLICABLE  INCONCLUSIVE  PASSED  FAILED
----    -----  -------  ------------  ------------  ------  ------
HDLC    36     0        5             0             31      0
APPL    71     0        18            0             53      0
COSEM   9834   0        1             76            9757    0
SYMSEC  42     0        9             0             33      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:               SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                 SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:        (not collected)

Logical device(s) found:
                                 SAP = 1 is "49484D303033373044383631" (IHM00370D861)

Active firmware(s):              Id=SKI1-6E-181019 S=2DE1D33F
                                 Id=9A-EMU-18060101 S=91CCFE24
                                 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

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