device
language
message
specification

DLMS User Association

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Certification No. 2153

This is to certify that the metering equipment identified as:
Type: HXE310(V3) Active firmware(s): Id=FP60093V07R006M002
Mgmt. SAP = 1 is "4858453030333037303030303030303037" (HXE0030700000007)
Manufactured by: Hexing Electrical Co.,Ltd.

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

- CTT version: CTT 3.1 extended edition, 64bits, release 107
- Licensed to: 20160314_HEXING_Electrical_Co_Ltd_CHI (2016/3/14)
- 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 _DED_CIPHERING, SERVICE_SPECIFIC _GLO_CIPHERING, SUITE_0	19-JUL-2019 15:42:09	8BCDF8DBB424836AB82C28FAB69294433 8327F12ED8E9DB2FB0D0D016124172D

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 22nd July 2019

Győző Kmethy
President

Viktória Varjú Timárné
Certification Engineer

Certification No. 2153

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 = "\Hexing Electrical Co.,Ltd."
  FLAGid = "\HXE"
  Type = "\HXE310(V3)"
  IUTIsModule = FALSE
  SerialNr = "\00000007"
  Comment = "\Client:Public,Meter Reader"
}

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

TYPE   TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED    FAILED
----   -----   -------   ------------   ------------   ------    ------
HDLC   36      0         3              0              33        0
APPL   54      0         18             0              36        0
COSEM  1089    0         4              22             1063      0
SYMSEC         All (No ciphered association with the required properties)
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,LOW_LEVEL_SECURITY

ACSE and xDLMS features:            GET,SERVICE_SPECIFIC_BLOCK_TRANSFER

Security features:                  SERVICE_SPECIFIC_DED_CIPHERING
                                    SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0

Data protection features:           (not collected)

Logical device(s) found:
                                    SAP = 1 is "48584530303330373030303030303037"
(HXE0030700000007)

Active firmware(s):                 Id=FP60093V07R006M002

COSEM classes tested:               1,3,4,8,9,15(1),18,20,22,23(1),40,41,45,48
                                    64,70,71

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