DLMS User Association

Certification No. 1937

This is to certify that the metering equipment identified as:

Type: DTSD545-WC160   **FirmwareId = "00001810", FirmwareVersion = "1810"**
Mgmt. SAP = 1 is "484C59313036313830313303030303032" (HLY1061801000002)
Manufactured by: Holley Technology Ltd.

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

- CTT version: CTT 3.1 extended edition, 64bits, release 105
- Licensed to: 20160726_Holley_Metering_LTD_CHINA (2016/7/26 星期二)
- COSEM object definitions file version: Object_defs_v3.2_released_180306.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, MODE_E	LONG_NAMES	—	11-APR-2018 18:54:38	0F90FF16A5F04E8F6563F7E63ADBF1136B EB0A5794CD7EA0CC490721F57E0997

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 12th April 2018

Győző Kmethy
President

Certification No. 1937

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 = "\Holley Technology Ltd."
  FLAGid = "\HLY"
  Type = "\DTSD545-WC160"
  FirmwareId = "00001810"
  FirmwareVersion = "1810"
  ConfigurationId = "0000000000000002"
  SerialNr = "00000002"
}

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

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(MODE_E)
APPL    58      0         19             0              39       0
COSEM   552     0         42             0              510      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 ciphered association with the required properties)

Communication profile:          HDLC

Application context names:       LONG_NAMES

Authentication mechanisms:       NO_SECURITY,LOW_LEVEL_SECURITY

ACSE and xDLMS features:         GET,SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:               (not collected)

Data protection features:        (not collected)

Logical device(s) found:
                                 SAP = 1 is "484C593130363138303130303030303032"
(HLY1061801000002)

COSEM classes tested:            1,3,4,7(1),8,9,11,15,17,18,19,20,23,41,42
                                 45,64,70

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