

Certification No. 2021

This is to certify that the metering equipment identified as:

Type: DTS541 FirmwareId = "00001813", FirmwareVersion = "1813"
Mgmt. SAP = 1 is "484C5931303631383031303030303133" (HLY1061801000013)
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 features	Date and time	Test Result hash value
Test 1	TCP	LONG_NAMES	—	03-SEP-2018 14:48:19	C95BFE27C5FAF7D04BE3A9EBFC9F2B481 23C98DEFD5122B1C8CF0368B909B8F2

This DTS541 meter has already been certified as Certification no. 1735 on 12th December 2016 tested on HDLC with CTT 2.7 and as Certification no. 1954 on 23th April 2018, tested on HDLC, Mode_E, with CTT 3.1.

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.



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 8th October 2018



Gyöző Kmety
President

Certification No. 2021

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 = "\DTS541"
  FirmwareId = "00001813"
  FirmwareVersion = "1813"
  ConfigurationId = "0001031801000013"
  SerialNr = "0001031801000013"
}
```

```
*****
* Summary *
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (Communication profile not HDLC)				
APPL	58	0	18	0	40	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:          TCP
Application context names:      LONG_NAMES
Authentication mechanisms:      NO_SECURITY,LOW_LEVEL_SECURITY
ACSE and xDLMS features:       GET,RLRQ_RLRE
                                SERVICE_SPECIFIC_BLOCK_TRANSFER,SET
Security features:              (not collected)
Data protection features:       (not collected)
Logical device(s) found:       SAP = 1 is "484C5931303631383031303030303133"
                                (HLY1061801000013)
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)
```