

Certification No. 2189

This is to certify that the metering equipment identified as:

Type: DWM-B10 Active firmware(s): Id=101RRD00
Mgmt. SAP = 1 is "53454D20313930373135412020203232" (SEM 190715A 22)
Manufactured by: SMART METER 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: 20160924_Korea_Testing_Certification_KOR (2016-09-24)
- 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	–	01-AUG-2019 17:48:18	261FFE2866239E2381F201BED300F019C13F 2B1EA12DCF8502F928C49ABECA68

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 20th September 2019



Gyöző Kmethy
President



Viktória Varjú Timárné
Certification Engineer

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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 = "\SMART METER CO.,LTD."  
  FLAGid = "\SEM"  
  Type = "\DWM-B10"  
  IUTIsModule = FALSE  
  SerialNr = "\0000001"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	----	-----	-----	-----	-----	-----
HDLC	36	0	4	0	32	0
APPL	44	0	17	0	27	0
COSEM	796	0	1	35	760	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

Authentication mechanisms: NO_SECURITY

ACSE and xDLMS features: GET,SELECTIVE_ACCESS
SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features: (not collected)

Data protection features: (not collected)

Logical device(s) found: SAP = 1 is "53454D20313930373135412020203232" (SEM
190715A 22)

Active firmware(s): Id=101RRD00

COSEM classes tested: 1,3,4,5,7(1),8,9,15,20,23

COSEM classes found but not tested: (none)