

Certification No. 2187

This is to certify that the metering equipment identified as:

Type: Itron A300 Gen 5

Mgmt. SAP = 1 is "49544531303330373030303030303136" (ITE1030700000016)

Manufactured by: ITRON

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

- CTT version: CTT 3.0 standard edition, 64bits (109)
- Licensed to: 20151030_Wasion_Group_Ltd_Changsha_City_Hunan_Prov_China (2015-10-29)
- 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	KEY_TRANSFER, SERVICE_SPECIFIC_GLO_ CIPHERING	02-SEP-2019 16:51:49	99D7362BAE2CB3EF07757583EF 37FB9F22270F16BA9600DC0337 F5556D0D0B02

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 16th 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 = "\ITRON"  
  FLAGid = "\ITE"  
  Type = "\Itron A300 Gen 5"  
  IUTIsModule = FALSE  
  SerialNr = "\ITE1030700000016"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	1	0	35	0
APPL	49	0	11	0	38	0
COSEM	1256	0	7	42	1207	0
SYMSEC	60	0	20	0	40	0

```
Communication profile:          HDLC  
  
Application context names:     LONG_NAMES, LONG_NAMES_WITH_CIPHERING  
  
Security mechanisms:          NO_SECURITY, HIGH_LEVEL_SECURITY_GMAC  
  
ACSE and xDLMS features:     ACTION, GET, MULTIPLE_REFERENCES, RLRQ_RLRE,  
                               SERVICE_SPECIFIC_BLOCK_TRANSFER, SET  
  
Security features:            KEY_TRANSFER, SERVICE_SPECIFIC_GLO_CIPHERING  
  
Logical device(s) found:      SAP = 1 is "49544531303330373030303030303136"  
(ITE1030700000016)  
  
COSEM classes tested:         1, 3, 4, 5, 6, 7(1), 8, 9, 11, 15(1), 17, 18, 19(1), 20,  
                               21, 22, 23(1), 29(2), 40, 41, 43, 48, 64, 70, 71,  
                               72(1), 74, 90(1), 91(1), 92(1)  
  
COSEM classes found but not tested: (none)
```