



DLMS User Association

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Certification No. 1184

This is to certify that the metering equipment identified as:

Type: DTSD22

Mgmt. LDN: SAP = 1, "484E443736314D413336303032323136" (HND761MA36002216)

manufactured by:

Shenzhen Haoningda Meters Co.,LTD.

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

- CTT version: CTT version 2.4
- Licensed to: Shenzhen_HND_China (2010-8-31)
- COSEM object definitions file version: Object_defs_v2.1_released_101104.dat

Test performed	Communication profile	Opening mode	Application context	Date and time	Digital signature of the test report
Test 1	3-layer HDLC	DIRECT_HDLC	LN	28 th June 2011	A0A10F9D1C34878ED236978820ED0217

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: <http://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. 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: Geneva, the 29th June 2011

Paul Fuchs

General Secretary