

## Certification No. 1197

This is to certify that the metering equipment identified as:

**Type: LZQJ-XC (Version 230)**  
**Mgmt. LDN: SAP = 1, "454D48393939392D323330" (EMH9999-230)**

manufactured by:

**EMH metering**

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

- CTT version: CTT version 2.4
- Licensed to: EMH Wittenburg (11.06.2003)
- COSEM object definitions file version: Object\_defs\_v2.4\_released\_110902.dat
- Media identifiers used: [ABSTRACT, ELECTRICITY]

Test performed	Communication profile	Opening mode	Application context	Date and time	Digital signature of the test report
Test 1 OKK	3 layer HDLC	MODE_E	SN	9 <sup>th</sup> Sept. 2011	DB0653CD518D1F9D97A0F6A7570591CE
Test 2 CL	3 layer HDLC	MODE_E	SN	9 <sup>th</sup> Sept. 2011	B1007586A5A4D84C075EC2CBB76A4035
Test 3 RS232	3 layer HDLC	DIRECT_HDLC	SN	9 <sup>th</sup> Sept. 2011	6722B1A42EF4D6F0D8EAB65A3F23E20B
Test 4 RS485	3 layer HDLC	DIRECT_HDLC	SN	9 <sup>th</sup> Sept. 2011	28E0F4CDFD857284D1C8719A82A5F1D4

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 11<sup>th</sup> September 2011

*Paul Fuchs*  
General Secretary