

Certification No. 1567

This is to certify that the metering equipment identified as:

Type: RIM 489.23

Mgmt. SAP = 1, "52494D34383932333031353030303230" (RIM4892301500020)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	6 th Oct 2015	8F5625E12F013CAB0C72A5E497238AB6

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1569

This is to certify that the metering equipment identified as:

Type: RIM 489.25

Mgmt. SAP = 1, "52494D34383932353031353030303138" (RIM4892501500018)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	6 th Oct 2015	41553DE04A39A5526A2038F5C5DEF1A7

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1571

This is to certify that the metering equipment identified as:

Type: RIM 489.32

Mgmt. SAP = 1, "52494D34383933323031353030303338" (RIM4893201500038)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	7 th Oct 2015	CF2CD478BA954B9503C4F9AA870FD566

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1573

This is to certify that the metering equipment identified as:

Type: RIM 489.36

Mgmt. SAP = 1, "52494D34383933363031353030303438" (RIM4893601500048)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	7 th Oct 2015	4133B94A9405093D183381778EB00966

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1568

This is to certify that the metering equipment identified as:

Type: RIM 489.24

Mgmt. SAP = 1, "52494D34383932343031353030303039" (RIM4892401500009)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	6 th Oct 2015	51B6669B871ACC0E22A827C8FAC7BCC9

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1570

This is to certify that the metering equipment identified as:

Type: RIM 489.30

Mgmt. SAP = 1, "52494D34383933303031353030303238" (RIM4893001500028)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	7 th Oct 2015	0773A9F4CFDC4165F1460F9C8A2B3B02

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1572

This is to certify that the metering equipment identified as:

Type: RIM 489.34

Mgmt. SAP = 1, "52494D34383933343031353030303430" (RIM4893401500040)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	7 th Oct 2015	63F2CCB6931F5F32CF780E6760EC2B08

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary

Certification No. 1574

This is to certify that the metering equipment identified as:

Type: RIM 489.38

Mgmt. SAP = 1, "52494D34383933383031353030303439" (RIM4893801500049)

manufactured by:

CJSC "Radio and Microelectronics"

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

- CTT version: CTT version 2.7
- Licensed to: CJSC Radio & Microelectronics, Russia (11.09.2014)
- COSEM object definitions file version: Object_defs_v2.9_released_GKVV141201.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	3-layer HDLC	DIRECT_HDLC	LN	7 th Oct 2015	2E37F3EBD6020258D04F4F88B8E2A0D2

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: Zug, the 9th October 2015



A handwritten signature in black ink, appearing to read 'Paul Fuchs'.

Paul Fuchs
General Secretary