

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning approval granted of a type of CNG component pursuant to Regulation No. 110.



Approval No: <u>E24 110R-000021.</u> Extension No: *N/A*.

Reason for extension: -N/A

1. CNG component considered:

Container(s) or cylinder(s)

Pressure indicator

Pressure relief valve

Automatic valve

Excess flow valve

Gas tight housing

Pressure regulator

Non-return valve(s)

Pressure relief device

Manual valve

Flexible fuel lines

Filling unit or receptacle:

Gas injector(s)

Gas flow adjuster

Gas/air mixer

Electronic control unit:

Pressure and temperature sensor

CNG filter(s)

2. Trade name or mark: OPW Fueling Components

Type:

3. Manufacturer's name and address: OPW Fueling Components 9393 Princeton-Glendale Rd

Hamilton, Ohio USA, 45011

CL5078

Approval No: <u>E24 110R-000021.</u> Extension No: *N/A*.

4. If applicable, name and address of manufacturer's representative: N/A.

5. Submitted for approval on: 22.01.2010

6. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH

7. Date of report issued by that service: 22.01.2010

8. No. of report issued by that service: 09-00198-UA-GBM-00

9. Approval granted/ refused/-extended/ withdrawn: granted

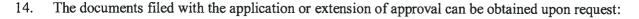
10. Reason(s) of extension (if Applicable): N/A

11. Place: Dublin.

12. Date: 22nd February 2010

13. Signature:





Documentation: 15 pages.

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Annex 2B - Addendum

1. Additional information concerning the type approval of a type of CNG components pursuant to Regulation No. 110

1.1 Container(s) or cylinder(s)1.1.1 Dimensions:1.1.2 Material:	N/A N/A
1.2 Pressure indicator1.2.1 Working pressure(s):1.2.2 Material:	N/A N/A
1.3 Pressure relief valve (discharge valve)1.3.1 Working pressure(s):1.3.2 Material:	N/A N/A
1.4 Automatic valve(s)1.4.1 Working pressure(s):1.4.2 Material:	N/A N/A
1.5 Excess flow valve1.5.1 Working pressure(s):1.5.2 Material:	N/A N/A
1.6 Gas tight housing 1.6.1 Working pressure(s): 1.6.2 Material:	N/A N/A
1.7 Pressure regulator(s)1.7.1 Working pressure(s):1.7.2 Material:	N/A N/A
1.8 Non-return valve(s) or non-return valve(s)1.8.1 Working pressure(s):1.8.2 Material:	N/A N/A
1.9 Pressure relief device (temperature triggered)1.9.1 Working pressure(s):1.9.2 Material:	N/A N/A

Annex 2B - Addendum

1.10 Manual valve 1.10.1 Working pressure(s): 1.10.2 Material:	N/A N/A
1.11 Flexible fuel lines1.11.1 Working pressure(s):1.11.2 Material:	N/A N/A
1.12 Filling unit or receptacle1.12.1 Working pressure(s):1.12.2 Material:	26 MPa SS-UNS S31600; ASTM A276
1.13 Gas injector(s):1.13.1 Working pressure(s):1.13.2 Material:	N/A N/A
1.14 Gas flow adjuster1.14.1 Working pressure(s):1.14.2 Material:	
1.15 Gas/air mixer 1.15.1 Working pressure(s): 1.15.2 Material:	N/A N/A
1.16. Electronic control unit (CNG-fuelling)1.16.1 Basic software principles:	N/A
1.17 Pressure and temperature sensor(s):1.17.1 Working pressure(s):1.17.2 Material:	N/A N/A
1.18 CNG filter(s) 1.18.1 Working pressure(s): 1.18.2 Material:	N/A N/A