

NSAI

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:² ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitely discontinued~~

of a type of CNG/LNG component pursuant to Regulation No. 110.

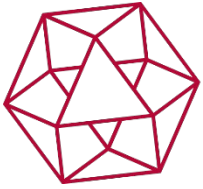
Approval No: E24*110R05/00*0059*03

1. CNG/LNG component considered:

~~Container(s) or cylinder(s)²~~
~~Tank(s) or vessel(s)²~~
~~CNG accumulator(s)²~~
~~Pressure indicator²~~
~~Pressure relief valve²~~
~~Automatic valve(s)²~~
~~Excess flow valve²~~
~~Gas tight housing²~~
~~Pressure regulator(s)²~~
~~Non-return valve(s) or check valve(s)²~~

~~Pressure relief device (PRD) (temperature triggered)²~~
~~Manual valve²~~
~~Flexible fuel lines²~~
~~Filling unit or receptacle²~~
~~Gas injector(s)²~~
~~CNG Compressor²~~
~~Gas flow adjuster²~~
~~Gas/air mixer²~~
~~Electronic control unit²~~
~~Pressure and temperature sensor(s)²~~
~~CNG filter(s)²~~
~~PRD (pressure triggered)²~~
~~Fuel rail²~~
~~Heat exchanger(s) / vaporizer(s)²~~
~~Natural gas detector(s)²~~
~~LNG filling receptacle(s)²~~
~~LNG pressure control regulator(s)²~~
~~LNG pressure and/or temperature sensor(s)²~~
~~LNG manual valve(s)²~~
~~LNG automatic valve(s)²~~
~~LNG non return valve(s)²~~
~~LNG pressure relief valve(s)²~~
~~LNG excess flow valve(s)²~~
~~LNG fuel pump(s)²~~

Type: CH8
Version(s): 2 psi to 25 psi



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2. Trade name or mark: **SSP Fittings**
3. Manufacturer's name and address: **SSP Fittings
8250 Boyle Parkway Twinsburg,
Ohio
44087, USA**
4. If applicable, name and address of manufacturer's representative: **N/A**
5. Submitted for approval on: **As before and: 23.06.2023**
6. Technical service responsible for conducting approval tests: **TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München**
7. Date of report issued by that service: **As before and: 23.06.2023**
8. No. of report issued by that service: **15-00002-IS-MUC- up to 03**
9. Approval ~~granted/ refused/ extended/ withdrawn~~²: **Extended**
10. Reason(s) of extension (if Applicable): **See test report 15-00002-IS-MUC-
Up to 03 and the accompanying
manufacturer's documentation
for details**
11. Place: **Dublin.**
12. Date: **20th July, 2023.**

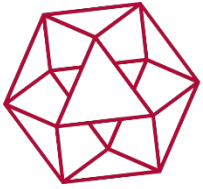
13. Signature:



14. The documents filed with the application or extension of approval can be obtained upon request.

¹ Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).

² Strike out what does not apply.

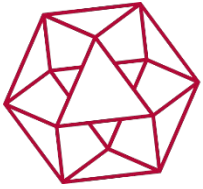


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Annex 2B – Addendum

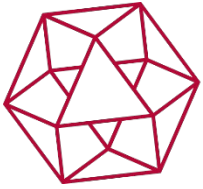
1. Additional information concerning the type approval of a type of CNG/LNG components pursuant to Regulation No. 110
 - 1.1 Container(s) or cylinder(s)
 - 1.1.1 Dimensions: *N/A*
 - 1.1.2 Material: *N/A*
 - 1.1.2. Tank(s) or vessel(s) (for LNG system)
 - 1.1.2.1. Capacity: *N/A*
 - 1.1.2.2. Material: *N/A*
 - 1.1.3. CNG accumulator
 - 1.1.3.1. Dimensions: *N/A*
 - 1.1.3.2. Material: *N/A*
 - 1.1.3.3. Capacity: *N/A*
 - 1.2. Pressure indicator
 - 1.2.1. Working pressure(s):¹ *N/A*
 - 1.2.2. Material: *N/A*
 - 1.3. Pressure relief valve (discharge valve)
 - 1.3.1. Working pressure(s):¹ *N/A*
 - 1.3.2. Material: *N/A*
 - 1.3.2. CNG Compressor
 - 1.3.2.1. Working pressure(s):¹ *N/A*
 - 1.3.2.2. Material: *N/A*
 - 1.4. Automatic valve(s)
 - 1.4.1. Working pressure(s):¹ *N/A*
 - 1.4.2. Material: *N/A*
 - 1.5. Excess flow valve
 - 1.5.1. Working pressure(s):¹ *N/A*
 - 1.5.2. Material: *N/A*
 - 1.6. Gas-tight housing
 - 1.6.1. Working pressure(s): *N/A*
 - 1.6.2. Material: *N/A*
 - 1.7. Pressure regulator(s)
 - 1.7.1. Working pressure(s):¹ *N/A*
 - 1.7.2. Material: *N/A*



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1.8.	Non-return valve(s) or check valve(s)	
1.8.1.	Working pressure(s): ¹	455 bar @ +85°C
1.8.2.	Material:	Body: Stainless steel - 316SS / ASTM A479 O'ring: Low Temp BUNA-N (Parker N0756), Urethane (Disogrin 9251)
1.9.	Pressure relief device (temperature triggered)	
1.9.1.	Working pressure(s): ¹	<i>N/A</i>
1.9.2.	Material:	<i>N/A</i>
1.10.	Manual valve	
1.10.1.	Working pressure(s): ¹	<i>N/A</i>
1.10.2.	Material:	<i>N/A</i>
1.11.	Flexible fuel lines	
1.11.1.	Working pressure(s): ¹	<i>N/A</i>
1.11.2.	Material:	<i>N/A</i>
1.12.	Filling unit or receptacle	
1.12.1.	Working pressure(s): ¹	<i>N/A</i>
1.12.2.	Material:	<i>N/A</i>
1.13.	Gas injector(s)	
1.13.1.	Working pressure(s): ¹	<i>N/A</i>
1.13.2.	Material:	<i>N/A</i>
1.14.	Gas flow adjuster	
1.14.1.	Working pressure(s): ¹	<i>N/A</i>
1.14.2.	Material:	<i>N/A</i>
1.15.	Gas/air mixer	
1.15.1.	Working pressure(s): ¹	<i>N/A</i>
1.15.2.	Material:	<i>N/A</i>
1.16.	Electronic control unit	<i>N/A</i>
1.16.1.	Basic software principles:	<i>N/A</i>
1.17.	Pressure and temperature sensor(s)	
1.17.1.	Working pressure(s): ¹	<i>N/A</i>
1.17.2.	Material:	<i>N/A</i>
1.18.	CNG filter(s)	
1.18.1.	Working pressure(s): ¹	<i>N/A</i>
1.18.2.	Material:	<i>N/A</i>
1.19.	PRD (pressure triggered)	
1.19.1.	Working pressure(s): ¹	<i>N/A</i>
1.19.2.	Material:	<i>N/A</i>



1.20.	Fuel rail(s)	
1.20.1.	Working pressure(s): ¹	<i>N/A</i>
1.20.2.	Material:	<i>N/A</i>
1.21.	Heat Exchanger(s) / Vaporizer(s)	
1.21.1.	Working pressure(s): ¹	<i>N/A</i>
1.21.2.	Material:	<i>N/A</i>
1.22.	Natural gas detector(s):	
1.22.1.	Working pressure(s): ¹	<i>N/A</i>
1.22.2.	Material:	<i>N/A</i>
1.23.	LNG filling receptacle(s)	
1.23.1.	Working pressure(s): ¹	<i>N/A</i>
1.23.2.	Material:	<i>N/A</i>
1.24.	LNG pressure control regulator(s)	
1.24.1.	Working pressure(s): ¹	<i>N/A</i>
1.24.2.	Material:	<i>N/A</i>
1.25.	LNG pressure and/or temperature sensor(s)	
1.25.1.	Working pressure(s): ¹	<i>N/A</i>
1.25.2.	Material:	<i>N/A</i>
1.26.	LNG manual valve(s)	
1.26.1.	Working pressure(s): ¹	<i>N/A</i>
1.26.2.	Material:	<i>N/A</i>
1.27.	LNG automatic valve(s)	
1.27.1.	Working pressure(s): ¹	<i>N/A</i>
1.27.2.	Material:	<i>N/A</i>
1.28.	LNG non-return valve(s)	
1.28.1.	Working pressure(s): ¹	<i>N/A</i>
1.28.2.	Material:	<i>N/A</i>
1.29.	LNG pressure relief valve(s)	
1.29.1.	Working pressure(s): ¹	<i>N/A</i>
1.29.2.	Material:	<i>N/A</i>
1.30.	LNG excess flow valve(s)	
1.30.1.	Working pressure(s): ¹	<i>N/A</i>
1.30.2.	Material:	<i>N/A</i>
1.31.	LNG fuel pump(s)	
1.31.1.	Working pressure(s): ¹	<i>N/A</i>
1.31.2.	Material:	<i>N/</i>

¹ Specify the tolerance