

NSAI

ECE TYPE-APPROVAL CERTIFICATE



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~~Approval withdrawn~~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

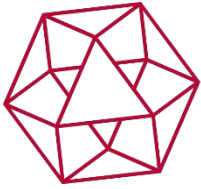
of a type of CNG/LNG component pursuant to Regulation No. 110.

Approval No: *E24*110R05/00*0075*01*

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: *Manual Valves*
Variant(s): *L36P, L38P, L83XP*



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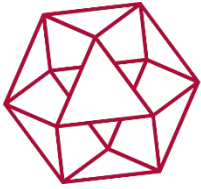
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2. Trade name or mark: **SSP Fittings**
3. Manufacturer's name and address: **SSP Fittings
8250 Boyle Parkway Twinsburg,
Ohio
44087, USA**
4. If applicable, name and address of manufacturer's representative: **N/A.**
5. Submitted for approval on: **As before and: 23.06.2023**
6. Technical service responsible for conducting approval tests: **TÜV SÜD Auto Service GmbH
10040 Mesa Rim Road San Diego,
CA 92121
USA**
7. Date of report issued by that service: **As before: 23.06.2023**
8. No. of report issued by that service: **19-00007-IS-MUC- up to 01**
9. Approval ~~granted/ refused/ extended/ withdrawn~~²: **Extended**
10. Reason(s) of extension (if Applicable): **See test report 19-00007-IS-MUC
01 and the accompanying
manufacturer's documentation
for details**
11. Place: **Dublin.**
12. Date: **19th 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.



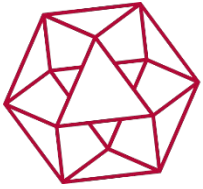
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Annex 2B – Addendum

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

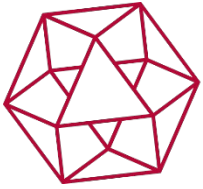
1.1	Container(s) or cylinder(s)	
1.1.1	Dimensions:	<i>N/A</i>
1.1.2	Material:	<i>N/A</i>
1.1.2.	Tank(s) or vessel(s) (for LNG system)	
1.1.2.1.	Capacity:	<i>N/A</i>
1.1.2.2.	Material:	<i>N/A</i>
1.1.3.	CNG accumulator	
1.1.3.1.	Dimensions:	<i>N/A</i>
1.1.3.2.	Material:	<i>N/A</i>
1.1.3.3.	Capacity:	<i>N/A</i>
1.2.	Pressure indicator	
1.2.1.	Working pressure(s): ¹	<i>N/A</i>
1.2.2.	Material:	<i>N/A</i>
1.3.	Pressure relief valve (discharge valve)	
1.3.1.	Working pressure(s): ¹	<i>N/A</i>
1.3.2.	Material:	<i>N/A</i>
1.32.	CNG Compressor	
1.32.1.	Working pressure(s): ¹	<i>N/A</i>
1.32.2.	Material:	<i>N/A</i>
1.4.	Automatic valve(s)	
1.4.1.	Working pressure(s): ¹	<i>N/A</i>
1.4.2.	Material:	<i>N/A</i>
1.5.	Excess flow valve	
1.5.1.	Working pressure(s): ¹	<i>N/A</i>
1.5.2.	Material:	<i>N/A</i>
1.6.	Gas-tight housing	
1.6.1.	Working pressure(s):	<i>N/A</i>
1.6.2.	Material:	<i>N/A</i>
1.7.	Pressure regulator(s)	
1.7.1.	Working pressure(s): ¹	<i>N/A</i>
1.7.2.	Material:	<i>N/A</i>
1.8.	Non-return valve(s) or check valve(s)	
1.8.1.	Working pressure(s): ¹	<i>N/A</i>
1.8.2.	Material:	<i>N/A</i>



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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	275 bar @ +85°C
1.10.2.	Material:	Body: Stainless steel - 316SS / ASTM A182
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>



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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/A</i>

¹ Specify the tolerance