

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning ⁽¹⁾:

- ~~approval granted~~
- approval extended
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitively discontinued~~

of a type of CNG/LNG component pursuant to Regulation number 110.

Approval number: E4*110R05/00*0369*02

1. CNG/LNG component considered:

- ~~Container(s) or cylinder(s)~~⁽⁺⁾
- ~~Tank(s) or vessel(s)~~⁽⁺⁾
- ~~CNG accumulator(s)~~⁽⁺⁾
- ~~Pressure indicator~~⁽⁺⁾
- ~~Pressure relief valve~~⁽⁺⁾
- ~~Automatic valve(s)~~⁽⁺⁾
- ~~Excess flow valve~~⁽⁺⁾
- ~~Gas tight housing~~⁽⁺⁾
- ~~Pressure regulator(s)~~⁽⁺⁾
- ~~Non return valve(s) or check valve(s)~~⁽⁺⁾
- ~~Pressure relief device (PRD)(temperature triggered)~~⁽⁺⁾
- ~~Manual valve~~⁽⁺⁾
- ~~Flexible fuel lines~~⁽⁺⁾
- ~~Filling unit or receptacle~~⁽⁺⁾
- ~~Gas injector(s)~~⁽⁺⁾
- ~~CNG Compressor~~⁽⁺⁾
- ~~Gas flow adjuster~~⁽⁺⁾
- ~~Gas/air mixer~~⁽⁺⁾
- ~~Electronic control unit~~⁽⁺⁾
- ~~Pressure and temperature sensor(s)~~⁽⁺⁾
- ~~CNG filter(s)~~⁽⁺⁾
- ~~PRD (pressure triggered)~~⁽⁺⁾
- ~~Fuel rail~~⁽⁺⁾
- ~~Heat exchanger(s)/vaporizer(s)~~⁽⁺⁾
- ~~Natural gas detector(s)~~⁽⁺⁾



- ~~LNG filling receptacle(s)⁽¹⁾~~
- ~~LNG pressure control regulator(s)⁽¹⁾~~
- ~~LNG pressure and/or temperature sensor(s)⁽¹⁾~~
- ~~LNG manual valve(s)⁽¹⁾~~
- ~~LNG automatic valve(s)⁽¹⁾~~
- ~~LNG non-return valve(s)⁽¹⁾~~
- LNG pressure relief valve(s)⁽¹⁾
- ~~LNG excess flow valve(s)⁽¹⁾~~
- ~~LNG fuel pump(s)⁽¹⁾~~
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2. Trade name or mark : LNG Pressure Relief Valve NG900x series
3. Manufacturer's name and address : Engineered Controls International LLC
100 RegO Drive 27244
Elon, North Carolina
United States of America
4. If applicable, name and address of manufacturer's representative : N.A.
5. Submitted for approval on : 04-08-2014
6. Technical service responsible for conducting approval tests : Kiwa Nederland B.V.
P.O. Box 137
7300 AC Apeldoorn
The Netherlands
7. Date of report issued by that service : 31-01-2023
8. Number of report issued by that service : 127072_P000277086
9. Approval : ~~granted/refused/extended/withdrawn~~⁽¹⁾
10. Reason(s) of extension (if applicable) : The current homologated LNG Pressure Relief valve NG900x series are extended with the new NG9002TX Type

The currently homologated LNG Pressure Relief Valve NG900x series is updated to the latest Revision of the ECE Regulation 110
11. Place : Zoetermeer
12. Date : 13 February 2023
13. Signature : 
R.F.R. Clement
14. The documents filed with the application or extension of approval can be obtained upon request.

⁽¹⁾ Strike out what does not apply.

ADDENDUM

1. Additional information concerning the type approval of a type of CNG/LNG components pursuant to Regulation number 110.
 - 1.1. Natural Gas Storage System
 - 1.1.1. Container(s) or cylinder(s) (for CNG system)
 - 1.1.1.1. Dimensions :
 - 1.1.1.2. Material :
 - 1.1.2. Tank(s) or vessel(s) (for LNG system)
 - 1.1.2.1. Capacity :
 - 1.1.2.2. Material :
 - 1.1.3. CNG accumulator
 - 1.1.3.1. Dimensions :
 - 1.1.3.2. Material :
 - 1.1.3.3. Capacity :
 - 1.2. Pressure indicator
 - 1.2.1. Working pressure(s) ⁽²⁾ :
 - 1.2.2. Material :
 - 1.3. Pressure relief valve (discharge valve)
 - 1.3.1. Working pressure(s) ⁽²⁾ :
 - 1.3.2. Material :
 - 1.4. Automatic valve(s)
 - 1.4.1. Working pressure(s) ⁽²⁾ :
 - 1.4.2. Material :
 - 1.5. Excess flow valve
 - 1.5.1. Working pressure(s) ⁽²⁾ :
 - 1.5.2. Material :
 - 1.6. Gas-tight housing
 - 1.6.1. Working pressure(s) ⁽²⁾ :
 - 1.6.2. Material :
 - 1.7. Pressure regulator(s)
 - 1.7.1. Working pressure(s) ⁽²⁾ :
 - 1.7.2. Material :
 - 1.8. Non-return valve(s) or check valve(s)
 - 1.8.1. Working pressure(s) ⁽²⁾ :
 - 1.8.2. Material :
 - 1.9. Pressure relief device (temperature triggered)
 - 1.9.1. Working pressure(s) ⁽²⁾ :
 - 1.9.2. Material :
 - 1.10. Manual valve
 - 1.10.1. Working pressure(s) ⁽²⁾ :
 - 1.10.2. Material :



- 1.11. Flexible fuel lines
 - 1.11.1. Working pressure(s) ⁽²⁾ :
 - 1.11.2. Material :
- 1.12. Filling unit or receptacle
 - 1.12.1. Working pressure(s) ⁽²⁾ :
 - 1.12.2. Material :
- 1.13. Gas injector(s)
 - 1.13.1. Working pressure(s) ⁽²⁾ :
 - 1.13.2. Material :
- 1.14. Gas flow adjuster
 - 1.14.1. Working pressure(s) ⁽²⁾ :
 - 1.14.2. Material :
- 1.15. Gas/air mixer
 - 1.15.1. Working pressure(s) ⁽²⁾ :
 - 1.15.2. Material :
- 1.16. Electronic control unit
 - 1.16.1. Basic software principles :
- 1.17. Pressure and temperature sensor(s)
 - 1.17.1. Working pressure(s) ⁽²⁾ :
 - 1.17.2. Material :
- 1.18. CNG filter(s)
 - 1.18.1. Working pressure(s) ⁽²⁾ :
 - 1.18.2. Material :
- 1.19. PRD (pressure triggered)
 - 1.19.1. Working pressure(s) ⁽²⁾ :
 - 1.19.2. Material :
- 1.20. Fuel rail(s)
 - 1.20.1. Working pressure(s) ⁽²⁾ :
 - 1.20.2. Material :
- 1.21. Heat Exchanger(s)/Vaporizer(s)
 - 1.21.1. Working pressure(s) ⁽²⁾ :
 - 1.21.2. Material :
- 1.22. Natural gas detector(s)
 - 1.22.1. Working pressure(s) ⁽²⁾ :
 - 1.22.2. Material :
- 1.23. LNG filling receptacle(s)
 - 1.23.1. Working pressure(s) ⁽²⁾ :
 - 1.23.2. Material :
- 1.24. LNG pressure control regulator(s)
 - 1.24.1. Working pressure(s) ⁽²⁾ :
 - 1.24.2. Material :



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| 1.25. | LNG pressure and/or temperature sensor(s) | |
| 1.25.1. | Working pressure(s) ⁽²⁾ | : |
| 1.25.2. | Material | : |
| 1.26. | LNG manual valve(s) | |
| 1.26.1. | Working pressure(s) ⁽²⁾ | : |
| 1.26.2. | Material | : |
| 1.27. | LNG automatic valve(s) | |
| 1.27.1. | Working pressure(s) ⁽²⁾ | : |
| 1.27.2. | Material | : |
| 1.28. | LNG non-return valve(s) | |
| 1.28.1. | Working pressure(s) ⁽²⁾ | : |
| 1.28.2. | Material | : |
| 1.29. | LNG pressure relief valve(s) | |
| 1.29.1. | Working pressure(s) ⁽²⁾ | : 151 kPa up to 2860 kPa |
| 1.29.2. | Material | : See report 127072 and its extensions |
| 1.30. | LNG excess flow valve(s) | |
| 1.30.1. | Working pressure(s) ⁽²⁾ | : |
| 1.30.2. | Material | : |
| 1.31. | LNG fuel pump(s) | |
| 1.31.1. | Working pressure(s) ⁽²⁾ | : |
| 1.31.2. | Material | : |
| 1.32. | CNG Compressor | |
| 1.32.1. | Working pressure(s) ⁽²⁾ | : |
| 1.32.2. | Material | : |

⁽²⁾ Specify the tolerance

