

**THE NETHERLANDS**  
(N E D E R L A N D)**COMMUNICATION**Concerning <sup>(1)</sup>:

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- ~~approval withdrawn~~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

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

**Approval number: E4-110R-010335****Extension number: 00**

1. CNG component considered:

- ~~Container(s) or cylinder(s)~~<sup>(+)</sup>
- ~~Pressure indicator~~<sup>(+)</sup>
- ~~Pressure relief valve~~<sup>(+)</sup>
- ~~Automatic valve(s)~~<sup>(+)</sup>
- ~~Excess flow valve~~<sup>(+)</sup>
- ~~Gas tight housing~~<sup>(+)</sup>
- ~~Pressure regulator(s)~~<sup>(+)</sup>
- ~~Non-return valve(s)~~<sup>(1)</sup>
- ~~Pressure relief device (PRD)(temperature triggered)~~<sup>(+)</sup>
- ~~Manual valve~~<sup>(+)</sup>
- ~~Flexible fuel lines~~<sup>(+)</sup>
- ~~Filling unit or receptacle~~<sup>(+)</sup>
- ~~Gas injector(s)~~<sup>(+)</sup>
- ~~Gas flow adjuster~~<sup>(+)</sup>
- ~~Gas/air mixer~~<sup>(+)</sup>
- ~~Electronic control unit~~<sup>(+)</sup>
- ~~Pressure and temperature sensor(s)~~<sup>(+)</sup>
- ~~CNG filter(s)~~<sup>(+)</sup>
- ~~PRD (pressure triggered)~~<sup>(+)</sup>



2. Trade name or mark : Check valve series SCH
3. Manufacturer's name and address : Hansun Engineering Co., Ltd.  
27 Noksansandan 361-ro Gangseo-gu  
(Songjeong-dong)  
618-819, Busan  
South Korea
4. If applicable, name and address of manufacturer's representative :
5. Submitted for approval on : June 2013
6. Technical service responsible for conducting approval tests : Kiwa Nederland B.V.  
P.O. BoX 137  
7300AC Apeldoorn  
The Neteherlands
7. Date of report issued by that service : July 22<sup>st</sup>, 2014
8. Number of report issued by that service : 126842
9. Approval : granted/~~refused/extended/withdrawn~~<sup>(1)</sup>
10. Reason(s) of extension (if applicable) :
11. Place : Zoetermeer
12. Date : 08-SEP-2014
13. Signature :
14. The documents filed with the application or extension of approval can be obtained upon request.



**Ing A.M. Boekestein**

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<sup>(1)</sup> Strike out what does not apply.

## ADDENDUM

1. Additional information concerning the type-approval of a type of CNG components pursuant to Regulation number 110.
  - 1.1. Container(s) or cylinder(s)
    - 1.1.1. Dimensions :
    - 1.1.2. Material :
  - 1.2. Pressure indicator
    - 1.2.1. Working pressure(s) <sup>(2)</sup> :
    - 1.2.2. Material :
  - 1.3. Pressure relief valve (discharge valve)
    - 1.3.1. Working pressure(s) <sup>(2)</sup> :
    - 1.3.2. Material :
  - 1.4. Automatic valve(s)
    - 1.4.1. Working pressure(s) <sup>(2)</sup> :
    - 1.4.2. Material :
  - 1.5. Excess flow valve
    - 1.5.1. Working pressure(s) <sup>(2)</sup> :
    - 1.5.2. Material :
  - 1.6. Gas-tight housing
    - 1.6.1. Working pressure(s) <sup>(2)</sup> :
    - 1.6.2. Material :
  - 1.7. Pressure regulator(s)
    - 1.7.1. Working pressure(s) <sup>(2)</sup> :
    - 1.7.2. Material :
  - 1.8. Non-return valve(s) or non-return valve(s)
    - 1.8.1. Working pressure(s) <sup>(2)</sup> : 26MPa
    - 1.8.2. Material : Stainless steel
  - 1.9. Pressure relief device (temperature triggered)
    - 1.9.1. Working pressure(s) <sup>(2)</sup> :
    - 1.9.2. Material :
  - 1.10. Manual valve
    - 1.10.1. Working pressure(s) <sup>(2)</sup> :
    - 1.10.2. Material :
  - 1.11. Flexible fuel lines
    - 1.11.1. Working pressure(s) <sup>(2)</sup> :
    - 1.11.2. Material :
  - 1.12. Filling unit or receptacle
    - 1.12.1. Working pressure(s) <sup>(2)</sup> :
    - 1.12.2. Material :



1.13.	Gas injector(s)	
1.13.1.	Working pressure(s) <sup>(2)</sup>	:
1.13.2.	Material	:
1.14.	Gas flow adjuster	
1.14.1.	Working pressure(s) <sup>(2)</sup>	:
1.14.2.	Material	:
1.15.	Gas/air mixer	
1.15.1.	Working pressure(s) <sup>(2)</sup>	:
1.15.2.	Material	:
1.16.	Electronic control unit (CNG-fuelling)	
1.16.1.	Basic software principles	:
1.17.	Pressure and temperature sensor(s)	
1.17.1.	Working pressure(s) <sup>(2)</sup>	:
1.17.2.	Material	:
1.18.	CNG filter(s)	
1.18.1.	Working pressure(s) <sup>(2)</sup>	:
1.18.2.	Material	:
1.19.	PRD (pressure triggered)	
1.19.1.	Working pressure(s) <sup>(2)</sup>	:
1.19.2.	Material	:

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<sup>(2)</sup> Specify the tolerance

