

Supplier declaration PLEXOR

Concerning natural gas appliances when operated

- with natural gas and admixture of hydrogen or
- pure hydrogen

Name of the issuer: Wigersma & Sikkema B.V.

Address of the issuer: Leigraafseweg 4
6983BP
Doesburg

Object of the declaration: Hydrogen suitability

Type designation: PLEXOR PN16; PLEXOR PN100

Declaration-no. and Revision: 2022/01

The device specified above complies to the following requirements:

For operation with a hydrogen content in the natural gas

Maximum admissible band width of the hydrogen content in natural gas 0% - 100%

Performance data (control parameters, accuracy, repeatability, for operation with natural gas without hydrogen content Yes

Limits of operating pressure/ operating temperature for pressure resistance is as for operation with natural gas without hydrogen content Yes

Safeguarding of chemical resistance by use of suitable materials for wetted parts according to Pressure Equipment Directive 2014/68/EU (PED) Yes

Gas tightness of the device was tested at a test pressure of 1,1 times the maximum operating pressure applying a gas mixture containing at least a 5 vol.-% hydrogen Yes

The standard configuration of the device is approved for use in potentially explosive atmospheres according to ATEX directive 2014/34/EU for the explosion group

X IIA

X IIB

X IIC

This declaration was made based on the current state of knowledge within the framework of sound engineering practice. Liability can only be derived from this if individual or all statements of the declaration have been made falsely with intent or gross negligence.

Doesburg, 7-2-2023

Place, date and signature



Piotr Skotnicki, Managing Director

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