

EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

Certificate No:
PEDB0000029
Revision No:
1

This is to certify:

That representative samples of the product(s) **Pressure Equipment**

with name and/or type designation(s)
Check Valve/OSY

Manufactured by
Hi Flo AS
Rasta, Norway

has been assessed with respect to the conformity assessment procedure described in Annex III Module B Production Type of Directive 2014/68/EU on Pressure Equipment, and found to comply with the requirements in Annex I – Essential Safety Requirements of the Directive.

Further details are given overleaf

This Certificate is valid until **2027-12-12**.

Issued at **Høvik** on **2017-12-13**



for the Notified Body 0575
DNV GL AS

Marianne Spæren Marveng
Head of Notified Body

Lack of fulfilment of conditions as set out in the Product Certification Agreement may render this Certificate invalid.
Except for any liability caused by DNV GL's gross negligence or wilful misconduct, DNV GL's maximum cumulative liability arising out of or related to the use of or reliance on this document shall be limited to USD 300 000.
The digitally signed and electronically distributed document is the original and valid certificate.
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Job Id: **341.4-000775-1**
Certificate No: **PEDB0000029**
Revision No: **1**

Jurisdiction

Application of Directive 2014/68/EU and Norwegian Regulation FOR-1999-06-09-721 "Forskrift om Trykkpåkjent Utstyr", as amended, issued by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
1	- Hydro carbon gas added as fluid group I - Pressure and temperature table added - Report ID updated	13.12.2017
-	Original certificate	06.12.2017

Products covered by this Certificate

Product Name	Product Description	PED Category	Product Std.
Valve	OSY-CHECK™ DUAL PLATE CHECK VALVE WITH RISING STEM OVERRIDE	III/II	ASME B16.34: 2017 ASME Sec VIII div.2: 2017

Design Data

Product Name	Design Pressure@Design Temperature					Test Pressure
Check Valve	51,7 (barg) -46 (°C)	51,7 (barg) 50 (°C)	50,7 (barg) 100 (°C)	45,9 (barg) 150 (°C)	42,7 (barg) 200 (°C)	77,55 (barg)

Design Data

Product Name	Class	DN	Fluid	Fluid Group
Check Valve	300	6"	Air, Hydro carbon gas/Water,Sea Water	I/II

Prototype Test reference

Site Name	Site Address	Inspected by	Date	Report ID
Westad Industri AS	3360 Geithus, Norway	Oslo Station	17.10.2017	341.4-000775-1- J-17

Documents Reviewed

Reference is made to Design Review Report 341.4-000775-1

Applications/Limitations

- The scope of this certificate is limited only to pressure envelope and does not cover internal parts.
- This Certificate only relates to directives described above. Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

Terms and conditions

Valid Terms and Conditions are found in the Product Certification Agreement which includes DNV GL's PED Certification Rules.

This Certificate alone does not give the right to CE mark and put the product(s) listed in this Certificate on the market. Only after the product(s) have been found to comply with the requirements in one of the following Conformity Assessment Modules C2 or E (if product category III), D or F (if product category IV) the Manufacturer may draw up an EC declaration of conformity and legally affix the CE mark followed by the identification number of the Notified Body involved in these modules.