

EC PRODUCT QUALITY MANAGEMENT CERTIFICATE

Certificate No:
PED-E1-3 Rev:Job Id:
341.4-000326-1

This is to certify that the Quality Management System of

Manufacturer

ELAFLEX - Gummi Ehlers GmbH
Schnackenburgallee 121, D - 22525 Hamburg, Germany

for final inspection and testing of
Piping System

has been assessed with respect to
the conformity assessment procedure as described in Annex III (Module E1) of Council Directive
97/23/EC on Pressure Equipment, as amended, and found to comply

Further details are given overleaf

Høvik, 2015-04-27
for **DNV GL**Digitally Signed By: Saia, Giorgio
Location: DNV GL Høvik, Norway
Signing Date: 2015-04-29Notified Body No.: **0575**This Certificate is valid until
2018-04-27

Marianne Spæren Marveng
Certification ManagerDNV GL local office:
**Hamburg - Pressure &
Underwater technology**

Thomas Woehler
Technical Reviewer

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Except for any liability caused by DNV GL's gross negligence or willful 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 300000. The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

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Jurisdiction

Application of Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, adopted as regulation of 1999-06-09 no. 721 "Forskrift for Trykkpåkjent Utstyr" by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
88 351-13 HH	Original certificate from GL SE, Notified Body 0098	2013-02-14
0	Renewal Audit by DNV GL AS	2015-04-27

Products covered by this Certificate

Product Group	Applied Product Standards
Hose Assemblies, Expansion Joints (Rubber Expansion Joints) and Fittings	-

Applications/Limitations

- This Certificate only relates to directives described above. Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

Sites covered by this Certificate

Product Name	Production Site Name	Address
Piping System	ELAFLEX - Gummi Ehlers GmbH	Schnackenburgallee 121, D – 22525 Hamburg, Germany

Performed Audits

DNV GL has carried out the Assessment of the Manufacturers Quality System to verify that the relevant requirements relating to the above listed product(s) have been implemented.

Assessment has been carried out on the production site by DNV GL Hamburg, as described in Assessment Report date 2015-01-29.

Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The certificate is only valid for the products and/or manufacturing premises listed above.
- The Manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient.
- The Manufacturer shall inform the local DNV GL Office of any intended updating of the quality system and DNV GL will assess the changes and decide if the certificate remains valid.
- The Manufacturer shall inform the local DNV GL Office of any addition/modification of products and/or design for products and DNV GL will decide if a reassessment of the quality system is required.
- Periodical audits will be held, in order to verify that the Manufacturer maintains and applies the quality system. DNV GL reserves the right, on a spot basis or based on suspicion, to pay unannounced visits.
- The local DNV GL Office must be informed of any sub-suppliers for main pressure retaining parts.

The following may render this Certificate invalid:

- Changes in the quality system.
- Periodical audits not held within the allowed time window.

Conformity declaration and marking of product

When meeting with the terms and conditions above the Manufacturer may draw up an EC Declaration of Conformity and legally affix the CE mark followed by the Notified Body identification number of DNV GL Notified Body No.: 0575.