

# RECOGNITION CERTIFICATE

DNV·GL

No.: **GL-APC 94592-10 HH**

Test Module **II** according to **GL-Guideline VI-6-2** of **DNV GL**

This is to certify that

**Wilhelm Sander Handel GmbH**

located at

**Plantage 15  
28215 Bremen, GERMANY**

has been recognized by DNV GL to be involved in testing, inspection and certification of its products according to GL-Rule VI-6-2 "Guidelines for the Inspection of mechanical and electrotechnical Products",

Scope of recognition  
(summary)

**Non-metallic flame resistant hydraulic hose assemblies**

The following GL-Rules for classification and construction are applicable:

**I-1-2, section 11U: "Hose Assemblies and Compensators"**  
**VI-6-2: "Guidelines for the Inspection of Mechanical and Electrotechnical Products"**

This certificate is supplemental to Framework Agreement no. **RV-MC-TE-09-0058**

Further applicable documents:

- **Audit report no. AR-9459210\_2015-01-12**
- **List of nominated persons no. LOP-9459210 in its latest version**
- **Wilhelm Sander document: QM-VA 7.2-03 'GL Abnahme'**
- **Quality assurance manual and quality assurance procedures**

This recognition is valid until **2018-01-12**

File no. **XXVII.C.01**

**DNV GL**

Hamburg, 2015-04-14



Olaf Drews



Martin Zeller

# RECOGNITION CERTIFICATE

DNV·GL

Certificate no. **GL-APC 94592-10 HH**

Scope of recognition **Wilhelm Sander Handel GmbH is recognized for the Alternative Product Certification (APC) of non-metallic hose assemblies. The APC shall be applied only for products produced at the manufacturer's premises stated on page 1 of this certificate.**

**This recognition is valid only for DNV GL-type approved components according to the certificates listed in Wilhelm Sander Handel GmbH-document:  
'Formblatt 7.2.3 - DNV-GL Zulassungen für Hydraulikschlauch' in its latest version.  
The validity of the relevant type approvals shall be maintained by the manufacturer during the validity period of this recognition.**

**The document is kept under regular maintenance by Wilhelm Sander Handel GmbH.  
New revisions shall be approved by DNV GL.**

**Under no circumstances does this recognition release the manufacturer from issuing individual DNV GL Test Certificates for each product which also have to be endorsed by DNV GL.**

Scope of tests and inspections **Tests and final inspection according to the L GL Rules for Classification and Construction I-1-2, Section 11 U.  
Testing and certification shall be performed only by the persons nominated in document LOP-9459210 in its latest version.**

Scope of certification **The manufacturer issues DNV GL Test Certificates of components which obtain validity only after the final testing of the product and the endorsement and registration by DNV GL.**

The manufacturer shall maintain, perform and comply with the approval conditions for his recognition for the entire period of the validity of this recognition certificate.

Applicable approvals **The applicable DNV GL-Type Approvals are stated in Wilhelm Sander Handel GmbH-document:  
'Formblatt 7.2.3 - DNV-GL Zulassungen für Hydraulikschlauch' in its latest version.**

**Only revisions of this document approved by DNV GL are valid for the APC.**

Test certificate template **T210BE\_SANDER\_DE-BRE**

# Benannte Personen für die Alternative Produktzertifizierung

Nr. LOP-9459210\_2015-01-19

Die

**Wilhelm Sander Handel GmbH**

Plantage 15  
28215 Bremen  
Deutschland

hat folgende Personen für Tätigkeiten im Rahmen der Alternativen Produktzertifizierung auf Grundlage der GL-Richtlinie VI-6-2 „Richtlinie für die Prüfungen von Maschinenbaulichen und Elektrotechnischen Produkten“ benannt:

Name	Position im Unternehmen	Benannt für (APZ)
Herr Thomas Müller Herr Andre Zobel	Vertrieb/Innendienst (Schlauchfertigung)	Ausstellung von Prüfbescheinigungen Durchführung von Druckprüfungen Kennzeichnung/Stempelung von Produkten
Herr Mario Krawczyk	Vertrieb/Anwendungsberater (Schlauchfertigung)	Kennzeichnung/Stempelung von Produkten

Die benannten Personen sind mit der GL-Richtlinie VI-6-2 sowie den weiteren maßgeblichen Klassifikations- und Bauvorschriften des Germanischen Lloyd vertraut und verpflichtet, diese im Rahmen der Alternativen Produktzertifizierung anzuwenden.

Produkte sowie Art und Umfang der durchzuführenden Abnahmen und Zertifizierungen sind in der Anerkennungsbescheinigung Nr. **GL-APC 94592-10 HH** festgelegt.

Änderungen an der Liste der benannten Personen sind DNV GL unaufgefordert und unverzüglich mitzuteilen. Diese Liste ersetzt alle vorherigen Revisionsstände.

Hamburg, den 2015-01-19

**DNV GL SE**

Bremen, den 22.04.2015

**Wilhelm Sander Handel GmbH**