

# Zertifikat

Hiermit wird bescheinigt, dass das Managementsystem von:

## Jakob Hülsen GmbH & Co. KG

Maysweg 14, 47918 Tönisvorst, Deutschland

durch Lloyd's Register Quality Assurance geprüft und bewertet wurde und den folgenden Normen entspricht:

ISO 9001:2015



P.G. Cornelissen - Area Manager North Europe

Ausgestellt von: Lloyd's Register Deutschland GmbH

für und im Auftrag von: Lloyd's Register Quality Assurance Limited

Bestehendes Zertifikat: 02. Oktober 2018  
Dieses Zertifikat ist gültig bis: 01. Oktober 2021  
Zertifikat-Nr.: 10124812

Erstmalige Zulassung:  
ISO 9001 – 20. Oktober 2000

Gültigkeits-Nr.: ISO 9001 – 0018027

Das Managementsystem ist anwendbar für:

Herstellung von gepressten Rohrbogen und Rohrformteilen aus Aluminium- und Kupferwerkstoffen sowie Druckbehältern, Apparaten, Heiz- und Kühlwalzen und geschweißten Rohren aus Stahl, Edelstahl, Kupfer- und Aluminiumwerkstoffen. Handel mit Rohrleitungszubehör aus Aluminium- und Kupferwerkstoffen.



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# ZERTIFIKAT

In Übereinstimmung mit den Anforderungen der  
Druckgeräterichtlinie DGR 2014/68/EU, Anhang I, 4.3  
und AD 2000-Merkblatt WO.

CERTIFICATE In accordance with the requirements of the Pressure Equipment  
Directive 2014/68/EU, Annex I, 4.3 and AD 2000-Merkblatt WO.

Hiermit wird bescheinigt, dass das Qualitätssicherungssystem des Unternehmens  
This is to certify that the Quality Assurance System of

**Jakob Hülsen GmbH & Co. KG**  
**47918 Tönisvorst**  
**Deutschland**



durch LR Deutschland GmbH bewertet und einer  
has been examined and undergone a

**Werkstoffspezifischen Bewertung**  
**Specific Assessment for Materials**

unterzogen wurde und den Nachweis über die Erfüllung der Forderungen  
der Druckgeräterichtlinie erbracht hat für die  
by LR Deutschland GmbH and evidence of fulfilment of the requirements  
of the above directive has been provided for the

**Herstellung von Rohrbögen und Reduzierungen**  
**Manufacture of elbows and reducers.**

Einzelheiten siehe Anhang I dieses Zertifikates.

Die Zulassung gilt unter der Voraussetzung, dass das Qualitätssystem fortlaufend  
Aufrechterhalten wird und die Forderungen obiger Richtlinie erfüllt.

Die Erfüllung der Erfordernisse der ISO 9001:2008 sind bestätigt durch das  
Zertifikat Nr. KLN 0208389 von LRQA gültig bis 01.10.2018

Details as per Annex I of this certificate. Approval is subject to the continued maintenance of the quality system in accordance  
with the requirements of the above mentioned Standards. The fulfilment of the requirements of ISO 9001:2008 is confirmed in  
Certificate No 0208389, issued by LRQA valid until 01.10.2018.

Erstmalige Zulassung/  
Initial Approval: **30. Oktober 2000**

Zertifikatsgültigkeit bis:  
Certificate Expiry Date: **01. Oktober 2018**

Lloyd's Register Deutschland GmbH Kenn-Nr. 0525 / Lloyd's Register Deutschland GmbH Ident-No. 0525

**Hamburg, 23. Januar 2017**

Ort und Datum  
Place and Date

**A. Prigann**

Name, Unterschrift, Zertifizierer  
Name, Signature, Certifier

Liste technischer Unterlagen:  
List of technical documents:

Lfd. Nr. No.	Bauteilnorm Standard Fitting	Vormaterial Norm Raw Material Standard	Werkstoffe/ Lieferzustand Material/ State of Delivery	Abmessungsbereich (mm) Dimension (mm)
1	In Anl. DIN EN 10253-2 ASTM B361 Similar to DIN EN 10253-2 ASTM B361	EN 573-3 EN 754-1, -2, -7 EN 755-1, -2, -7 ASME SB-241	EN AW-5083-0 EN AW-5754-0 EN AW-1050A-0 WP 5083-0	Nennweite: 25-500 Wandstärke: 2-25 Nom. Bore: 25-500 Thickness: 2-25
2	In Anl. DIN EN 10253-2 ASTM B361 Similar to DIN EN 10253-2 ASTM B361			Nennweite: 25-500 Wandstärke: 2-15 Nom. Bore: 25-500 Thickness: 2-15
3	In Anl. DIN EN 10253-2 ASTM B361 Similar to DIN EN 10253-2 ASTM B361	EN 485 AD W6/1 ASME SB209		Nennweite: 200-500 Wandstärke: 4 – 10 Nom. Bore: 200-500 Thickness: 4-10

- 1 = Rohrbogen/Elbows  
2 = Reduzierungen/Reducers  
3 = Geschweißte Rohrbögen/Welded Elbows

Verweis: DIN EN 10253-2 ersetzt die Normen DIN 2605 und DIN 2616

Note: DIN EN 10253-2 replaces Standard DIN 2605 and DIN 2616

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00000AJ**

**This is to certify:**

That  
**Jakob Hülsen GmbH & Co. KG**  
**Tönisvorst Nordrhein-Westfalen, Germany**

is an approved manufacturer of  
**Wrought Copper and Copper Alloys**

in accordance with  
**DNV GL rules for classification – Ships**

and the following particulars:

<b>Alloy type(s)</b>	<b>Copper and Copper Alloys</b>
<b>Process</b>	<b>Hot Forming Process Cold Forming Process</b>
<b>Dimensions</b>	<b>max. DN500 x 13 mm</b>
<b>Welding Method</b>	<b>not applicable</b>
<b>Remarks</b>	<b>see particulars of the approval</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2018-12-31**.

Issued at **Hamburg** on **2016-01-26**

DNV GL local station: **Essen**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**  
Digitally Signed By: Roehr, Stefan  
Location: DNV GL Hamburg, Germany  
Signing Date: 2016-01-26 , on behalf of

**Marcus von Busch**  
**Head of Section**

Job Id: **263.11-005254-1**  
Certificate No: **AMMM00000AJ**

## Particulars of the approval

### Connecting Elements and Fittings:

Alloy Type	Product	Supply Condition	Wall Thickness [mm], max.	Diameter max.
CuNi10Fe1,6Mn acc. to DIN 86086	RF	acc. to standard	13	DN500
CuNi10Fe1Mn acc. to EN 12449	RF	acc. to standard	13	DN500
CuNi30Mn1Fe acc. to EN 12449	RF	acc. to standard	13	DN500
CuZn20Al2 acc. to EN 12449	RF	acc. to standard	13	DN500

RF: pipe fittings



**TECHNICAL STANDARDS & SAFETY AUTHORITY**  
 14th Floor, Centre Tower  
 3300 Bloor Street West  
 Toronto, Ontario  
 Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



## STATUTORY DECLARATION

### Registration of Fittings

I, Ralf Hülsen, Technical Director  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Jakob Hülsen GmbH & Co. KG  
(Name of Manufacturer)

Located at Maysweg 14, 47918 Tönisvorst, Germany +49 2151 99328-28 99328-828  
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASTM B361  
(Title of recognized North American Standard)  
 which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2000 PED 97/23/EC which has been verified by the following authority, LRQA Germany

The items covered by this declaration, for which I seek registration, are category A (reducers in Alloy 5083-0) type fittings. In support of this application, the following information and/or test data are attached as follows:

Catalogue data, Certificate to ISO 9001:2000 and PED 97/23/EC, sample certificate, calculation of pressure rate  
(drawings, calculations, test reports, etc.)

Declared before me at Krefeld in the NRW of Germany

the JACOBS day of Oct AD 20 08

Commissioner for Oaths: DIETZ  
Rechtswissenschaftler  
Obenstraße 57-59  
(Printed name)  
47799 Krefeld  
Telephone: 02151 80960  
Telefax: 02151 809895

Ralf Hülsen  
(Signature of Declarer)

<p style="text-align: center;"><b>FOR OFFICE USE ONLY</b></p> <p>To the best of my knowledge and belief, the application meets the requirements of the <b>Technical Standards and Safety Act</b>, Boilers and Pressure Vessels Regulation and CSA Standard B51 and is accepted for registration in Category <u>A</u></p> <p>CRN: <u>0A12756.5</u> <small>CRN valid for reducers</small></p> <p>Registered by: <u>M. Goettl</u> <small>longshore</small></p> <p>Dated: <u>Jan 06/09</u> <small>radius elbows</small></p> <p>NOTE: This registration expires on <u>Jan 06/19</u></p>	<p><b>Technical Standards and Safety Authority</b></p> <p><b>Boilers and Pressure Vessels Safety Program</b></p> <p style="font-size: 2em; font-weight: bold;">REGISTERED</p> <p>CRN: <u>0A12756.5</u></p> <p>Signed: <u>M. Goettl</u></p> <p>Date: <u>Jan 06/09</u></p>
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