

CERTIFICATE

**Quality-Assurance System for material manufacturer
according to Pressure Equipment Directive 2014/68/EU**

Certificate no.: 07/202/1409/WZ/1470/18

**Name and address
of the manufacturer:** Jubail Energy Services Company (JESCO)
Road 263 South of Road 150,
31961, Jubail Industrial City, Saudi Arabia

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive
2014/68/EU:

**QA-System in relation to materials,
EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.:

811 602 4697

Audit report file no.:

811 557 1413 (TN India)

Scope of approval:
(product / material)

**Manufacture of Carbon steel and Alloy steel seamless
tubes**

Production site:

**Road 263 South of Road 150,
31961, Jubail Industrial City, Saudi Arabia**

The certificate is valid until: **May 2021**

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Essen, 22.05.2018

Annex: scope of approval

Region: Essen
Langemarckstr. 20
45141 Essen, Germany

Phone. +49-(0) 201-825-2722
Fax +49-(0) 201-825-2858
e-mail dniekamp@tuev-nord.de

Notified Body (0045)
for Pressure Equipment



Niekamp

TUV NORD Systems GmbH & Co. KG,
Große Bahnstraße 31, D-22525 Hamburg

Member of 

CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

CERTIFICATE

The TÜV NORD Systems GmbH & Co. KG

certifies that the company

Jubail Energy Services Company (JESCO)
Road 263 South of Road 150,
31961, Jubail Industrial City, Saudi Arabia

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/1470/18

File No.: 811 602 4697 / SEI-702/18

Production site: **See Above**

The scope of approval is available in the annex "scope of approval".

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records which ensures proper manufacture of the products as well as compliance with the requirements specified in the material specification.

This certificate is valid until

May 2021

Essen, 22.05.2018

Annex: Scope of approval

Region: Essen
Langemarckstr. 20,
45141 Essen

Tel. +49-(0) 201-825-2722
Fax +49-(0) 201-825-2858
e-mail dniekamp@tuev-nord.de



Niekamp

TÜV NORD Systems GmbH & Co. KG,
Große Bahnstraße 31, 22525 Hamburg, Germany

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0

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Annex to the certificate

Firm : Jubail Energy Services Company (JESCO)
 Place: Road 263 South of Road 150,
 31961, Jubail Industrial City, Saudi Arabia

PED-Nr.: 07 202 1409 WZ 1470 18
 AD 2000-W0-Nr.: 07 203 1409 WP 1470 18

Date : 22.05.2018
 TÜV-File: SEI-702/18
 SAP: 811 602 4697

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Regulations Requirements	Remarks
1	2	3	4	5	6	7	8	9
1,1	P195TR2 (1.0108)	EN 10216 Part 1.	N	Seamless Tubes	≤ 30	139.7 - 406.4	PED (Directive 2014/68/EU) EN 13445-2 EN 13480-2	EN 10204 3.1 certificate will suffice. Certified acc. To PED Annex I, pt.4.3 by the notified body of TÜV NORD Systems (Reg.No.0045)
1,2	P235TR2 (1.0255)	EN 10216 Part 1	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,3	P265TR2 (1.0259)	EN 10216 Part 1	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,4	P195GH (1.0348)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,5	P235GH (1.0345)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,6	P265GH (1.0425)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,7	16Mo3 (1.5415)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,8	P275NL1 (1.0488)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,9	P275NL2 (1.1104)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,10	P355N (1.0562)	EN 10216 Part 3,	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,11	P355NH (1.0565)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,12	P355NL1 (1.0566)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,13	P355NL2 (1.1106)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,14	P460N (1.8905)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,15	P460NH (1.8935)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,16	P460NL1(1.8915)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,17	P460NL2 (1.8918)	EN 10216 Part 3,	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,18	P215NL (1.0451)	EN 10216 Part 4	N	Seamless Tubes	≤ 30	139.7 - 406.4		
1,19	P255QL (1.0452)	EN 10216 Part 4	+QT / V	Seamless Tubes	≤ 30	139.7 - 406.4		
1,20	P265NL (1.0453)	EN 10216 Part 4,	N	Seamless Tubes	≤ 30	139.7 - 406.4		

Explanation: +AT / AT = solution heat treated and deterrred; N = Normalized or normalizing rolled / forming;

NT = normalized and tempered; NT = Normalgeglüht und angelassen / normalized and annealed; +QT / V = vergütet / quenched and tempered; M = Thermomechanisch behandelt / thermomechanical treated

AR = without annealing; SR = str U = Ungeglüht / without annealing; S = Spannungsarmgeglüht / stress relieved; A = weichgeglüht / soft annealed; CR = Temperaturgeregelt umgeformt / controlled hot rolled

Hints for materials use acc. to Directive 2014/68/EU : The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0



Annex to the certificate

Firm : Jubail Energy Services Company (JESCO)
 Place: Road 263 South of Road 150,
 31961, Jubail Industrial City, Saudi Arabia

PED-Nr.: 07 202 1409 WZ 1470 18
 AD 2000-W0-Nr.: 07 203 1409 WP 1470 18

Date : 22.05.2018
 TÜV-File: SEI-702/18
 SAP: 811 602 4697

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Regulations Requirements	Remarks Doc.: STW-ZE-AD2000 W0_PED_Geltungsbereich-FB-320_
2,1	P195TR2 (1.0108)	EN 10216 Part 1.	N	Seamless Tubes	≤ 30	139.7 - 406.4	AD 2000 Merkblatt W4, TRbF, TRGL	EN 10204 3.1 certificate will suffice. Certified acc. To PED Annex I, pt.4.3 by the notified body of TÜV NORD Systems (Reg.No.0045)
2,2	P235TR2 (1.0255)	EN 10216 Part 1	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,3	P265TR2 (1.0259)	EN 10216 Part 1	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,4	P195GH (1.0348)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,5	P235GH (1.0345)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,6	P265GH (1.0425)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,7	P275NL1 (1.0488)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,8	P275NL2 (1.1104)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,9	P215NL (1.0451)	EN 10216 Part 4	N	Seamless Tubes	≤ 30	139.7 - 406.4		
2,10	P255QL (1.0452)	EN 10216 Part 4	+QT / V	Seamless Tubes	≤ 30	139.7 - 406.4		
2,11	P265NL (1.0453)	EN 10216 Part 4,	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,1	16Mo3 (1.5415)	EN 10216 Part 2	N	Seamless Tubes	≤ 30	139.7 - 406.4	AD 2000 Merkblatt W4, TRbF, TRGL	EN 10204 3.2 certificate required. Certified acc. To PED Annex I, pt.4.3 by the notified body of TÜV NORD Systems (Reg.No.0045)
3,2	P355N (1.0562)	EN 10216 Part 3,	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,3	P355NH (1.0565)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,4	P355NL1 (1.0566)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,5	P355NL2 (1.1106)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,6	P460N (1.8905)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,7	P460NH (1.8935)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,8	P460NL1(1.8915)	EN 10216 Part 3	N	Seamless Tubes	≤ 30	139.7 - 406.4		
3,9	P460NL2 (1.8918)	EN 10216 Part 3,	N	Seamless Tubes	≤ 30	139.7 - 406.4		

Explanation: +AT / AT = solution heat treated and deterrred; N = Normalized or normalizing rolled / forming;
 NT = normalized and tempered; NT = Normalgeglüht und angelassen / normalized and annealed; +QT / V = vergütet / quenched and tempered; M = Thermomechanisch behandelt / thermomechanical treated
 AR = without annealing; SR = str U = Ungeglüht / without annealing; S = Spannungsarmgeglüht / stress relieved; A = weichgeglüht / soft annealed; CR = Temperaturgeregelt umgeformt / controlled hot rolled
 Hints for materials use acc. to Directive 2014/68/EU : The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0

Annex to the certificate

Firm : Jubail Energy Services Company (JESCO)
 Place: Road 263 South of Road 150,
 31961, Jubail Industrial City, Saudi Arabia

PED-Nr.: 07 202 1409 WZ 1470 18
 AD 2000-W0-Nr.: 07 203 1409 WP 1470 18

Niekamp

Date : 22.05.2018

TÜV-File: SEI-702/18

SAP: 811 602 4697

TÜV NORD Systems



Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Regulations Requirements	Remarks
4,1	E 235	EN 10305-4	N	Seamless Tubes	≤ 30	139.7 - 406.4	AD 2000 Merkblatt W4	EN 10204 3.1 certificate will suffice. Certified acc. To PED Annex I, pt.4.3 by the notified body of TÜV NORD Systems (Reg.No.0045)
4,2	E 355	EN 10216 Part 1	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,1	L245NB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4	EN 1584 DIN 30690, TrBF, TRGL	Inspection Certificate as per technical rules. In area of PED PMA required
5,2	L290 NB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,3	L360NB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,3	L415NB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,5	L360QB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,6	L415QB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,7	L450QB	EN 10208-2	+QT / V	Seamless Tubes	≤ 30	139.7 - 406.4		
5,8	L485QB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		
5,9	L555QB	EN 10208-2	N	Seamless Tubes	≤ 30	139.7 - 406.4		

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 AR = without annealing; SR = str U = Ungeglüht / without annealing; S = Spannungsarmgeglüht / stress relieved; A = weichgeglüht / soft annealed; CR = Temperaturgeregelt umgeformt / controlled hot rolled
 Hints for materials use acc. to Directive 2014/68/EU : The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge

CERTIFICATE

OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

0045-CPR-1470

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and the Council of 9 March 2011 (the Construction products Regulation - CPR), this certificate applies to the construction product

**Hot finished structural hollow sections
of non-alloy and fine grain steels**

placed on the market under the name or trade mark of

**Jubail Energy Services Company (JESCO)
Road 263 South of Road 150, 31961, Jubial Industrial City,
Eastern Region, Saudi Arabia**

and produced in the manufacturing plant(s)

**Jubail Energy Services Company (JESCO)
Road 263 South of Road 150, 31961, Jubial Industrial City,
Eastern Region, Saudi Arabia**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 10210-1:2006

under **system 2+** are applied and that the

factory production control is assessed to be in conformity with the applicable requirements.

The manufacturer is responsible for the usability of the CE-marked structural products acc. to the product standard and the Declaration of Performance (DoP).

This certificate was first issued in 2010 and will remain valid until 2025-02-07 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified body.

Hamburg, 2020-02-07

Validity endorsement

valid until: 2025-02-07

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31
D-22525 Hamburg
Germany

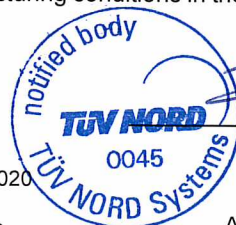
STW-ZE-BauPVO-Z-320_46_Zertifikat_System2+_ENG

Revision

Rev.: Rev. 00 / 07.02.2020

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Rev. 06/2018-05



S. Rohardt
S. Rohardt

Certification Body

Accredited Body D-ZE 11074-03-00
Notified Body, ID number 0045