

CERTIFICATE

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

Certificate no.: 07/202/1326/WZ/2294/21

**Name and address
of the manufacturer:** Zhejiang Yongshang Special Material Co., Ltd.
Daqiao Village, Miaogao Street, Suichang County,
Lishui City, Zhejiang Province, 323300, P.R. China

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 AD 2000-Merkblatt W 0**

Certification file no.: -
Audit report file no.: **8119418724**

Scope of approval:
(product / material) **Seamless tubes of austenitic steels**

Production site: **Daqiao Village, Miaogao Street, Suichang County,
Lishui City, Zhejiang Province, 323300, P.R. China**

The certificate is valid until: **July 2024**

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

Attachment:
Scope of approval



Notified Body 0045 for pressure equipment



Digitally signed by
Fechner Daniel Dr.
Date: 2021.09.01
11:36:43 +02'00'

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TUV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 20529 Hamburg

Member of



CEOC - European Conformity of Equipment Operators

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Zhejiang Yongshang Special Material Co., Ltd.
Daqiao Village, Miaogao Street, Suichang County,
Lishui City, Zhejiang Province, 323300, P.R. China**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1326/WP/2294/21

File No.: - / SAP-no.: 8119418724

Production site: **Daqiao Village, Miaogao Street, Suichang County
Lishui City, Zhejiang Province, 323300, P.R. China**

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

July 2024

Digitally signed by
Fechner Daniel Dr.
Date: 2021.09.01
10:23:24 +02'00'

Hamburg, 2021-09-01



Annex: scope of approval

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Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

- Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3
- AD 2000-Merkblatt W 9 / AD 2000-Merkblatt W 9

Zertifikat-Nr. / Certificate No.: 07/202/1326/WP/02294/21
 Zertifikat-Nr. / Certificate No.: 07/202/1326/WP/02294/21

Datum / Date: 01.09.2021
 AZ / File No.: -
 SAP-No.: 8119418724

Firma / Company: Zhejiang Yongshang Special Material Co. Ltd.
 Ort / Location: Lishui City, Zhejiang Province, 323300 P.R. China

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
1	X2CrNi19-10(1.4301)	EN 10216-5	+AT	nahtlose Röhre	1,24-12	10,3-426	Richtlinie 2014/68/EU Directive 2014/68/EU	Zertifiziert gemäß Druckgeräterichtlinie Anhang I, Nr.4.3 durch die Notifizierte Stelle des TÜV NORD Systems(Reg.-Nr.0045) Certified acc. to PED annex I, pt.4.3 by the notified body of TÜV NORD Systems (Reg.no.0045)
	X2CrNi19-11(1.4308)		+AT	seamless tubes				
	X2CrNi19-9(1.4307)		+AT					
	X2CrNiMo17-12-2(1.4401)		+AT					
	X2CrNiMo17-12-2(1.4404)		+AT					
	X8CrNi18-10(1.4541)		+AT					
	X2CrNiMo42-5-3(1.4462)		+AT					
X2CrNiMo25-7-4(1.4418)	+AT							
2	X2CrNi19-10(1.4301)	EN 10216-5	+AT	nahtlose Röhre	1,24-12	10,3-426	AD2000-W9	
	X2CrNi19-11(1.4308)		+AT	seamless tubes				
	X2CrNi19-9(1.4307)		+AT					
	X2CrNiMo17-12-2(1.4401)		+AT					
	X2CrNiMo17-12-2(1.4404)		+AT					
	X8CrNi18-10(1.4541)		+AT					
			+AT					

* +AT = Lösungsgelagert / solution annealed, +H = Normalgelagert, normalisiert umgeformt / normalized forming, +U = unbehandelt / untreated, +HT = normalgelagert und angelassen / normalized and tempered, +QT = querenget / quenched and tempered, +St = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungserleichtert / stress relieved, +A = selbstgelagert / self annealed, +CR = kaltgewalzt / cold rolled
 (other symbols / other symbols: EN 10227-1, Tab. 18)



Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

- Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3
- AD 2000-Merkblatt W 9 / AD 2000-Merkblatt W 9

Zertifikat-Nr. / Certificate No.: 07/202/1326/WP/02294/21
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Datum / Date: 01.09.2021
 AZ / File No.: -
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Firma / Company: Zhejiang Yongshang Special Material Co. Ltd.
 Ort / Location: Lishui City, Zhejiang Province, 323300 P.R. China

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
3.1	TP304	ASME SA-213	+AT	nahtlose Röhre	1,24-12	10,3-426	1)	1) Nur zur Information / Only for information Beim Einsatz im Bereich AD2000 oder der Druckgeräterichtlinie 2014/68/EU ist ein Einzelgutachten/PMA erforderlich / For use in the area of AD2000 or PED 2014/68/EU a Particular Material Approval (PMA) is necessary.
	TP304L		+AT	seamless tubes				
	TP316		+AT					
	TP316L		+AT					
	TP321		+AT					
3.2	TP304	ASTM A 368	+AT	nahtlose Röhre	1,24-12	10,3-426	1)	
	TP304L		+AT	seamless tubes				
	TP316		+AT					
	TP316L		+AT					
	TP321		+AT					
3.3	TP304	ASME SA-312	+AT	nahtlose Röhre	1,24-12	10,3-426	1)	
	TP304L		+AT	seamless tubes				
	TP316		+AT					
	TP316L		+AT					
	TP321		+AT					
3.4	S31803	ASME SA-789	+AT	nahtlose Röhre	1,24-12	10,3-426	1)	
	S32205		+AT	seamless tubes				
	S32758		+AT					
3.5	S31803	ASME SA-789	+AT	nahtlose Röhre	1,24-12	10,3-426	1)	
	S32205		+AT	seamless tubes				
	S32758		+AT					

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 (other symbols / other symbols: EN 10227-1, Tab. 18)