

# Certificate

## Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 CHN/Q-22 0731

Name and address of the certificate holder: **SeAH CTC Co., Ltd.**  
**NO.2, JIANGNAN ROAD, JIANGNAN INDUSTRIAL ZONE,**  
**SONGYANG COUNTY, LISHUI CITY,**  
**Zhejiang**  
**P.R. China**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0**

Audit report no.: 01 202 CHN/Q-22 0731

Scope: **Manufacturing of Stainless Steel Seamless Pipes/Tubes, see annex, July, 07.2022, Rev.: 0, to certificate**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2025-07-24.**

Cologne, 2022-07-25

Dipl.-Ing. (FH) Vera Ruff



TÜV Rheinland Industrie Service GmbH  
Notified Body for Pressure Equipment, ID-No. 0035  
Am Grauen Stein, D-51105 Cologne

E-108a

# Zertifikat

## Qualitätsmanagement-System für Werkstoffhersteller nach Richtlinie 2014/68/EU

Zertifikatsnummer: 01 202 CHN/Q-22 0731

Name und Anschrift des  
Zertifikatsinhaber: **SeAH CTC Co., Ltd.**  
**NO.2, JIANGNAN ROAD, JIANGNAN INDUSTRIAL ZONE,**  
**SONGYANG COUNTY, LISHUI CITY,**  
**Zhejiang**  
**P.R. China**

Hiermit wird bescheinigt, dass der Hersteller ein QM-System eingeführt hat und anwendet. Dieses wurde gemäß der Richtlinie 2014/68/EU, Anhang I, Kap 4.3 in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Prüfgrundlage: **QM-System nach EN 764-5, Abschnitt 4.2 und AD 2000-Merkblatt W0**

Prüfbericht Nr.: 01 202 CHN/Q-22 0731

Geltungsbereich: **Herstellung von nahtlosen Rohren aus rostfreiem Stahl, siehe Anlage, July, 07.2022, Rev.: 0, zum Zertifikat**

Fertigungsstätte: siehe Zertifikatsinhaber

Gültigkeit: **Dieses Zertifikat ist gültig bis 24.07.2025.**

Köln, 25.07.2022

Dipl.-Ing. (FH) Vera Ruff



TÜV Rheinland Industrie Service GmbH  
Notifizierte Stelle für Druckgeräte, Kennnummer: 0035  
Am Grauen Stein, D-51105 Köln

E-108a

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3 Manufacturer		<input type="checkbox"/> EN 764-4 Work		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0 Nationality		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)												
Company Name: SeAH CTC Co., Ltd.		No.2.Jiangnan Road, Jiangnan Industrial Zone, Songyang County, Lishui City, Zhejiang Province, China		No.2.Jiangnan Road, Jiangnan Industrial Zone, Songyang County, Lishui City, Zhejiang Province, China		CHINA		TÜV Rheinland Industrie Service GmbH												
Location: No.2.Jiangnan Road, Songyang County, Lishui City, Zhejiang Province, China		Delivery Cond.		Article Type of Product		Dimensions		Date												
Materials-term Materials-No.		Material Specification		Thick-ness mm		Weight max		July, 07.2022												
2		3		from to		1=t / 2=kg		Rev.: 0												
Cur		4		6a 6b 7a 7b 8a 8b		Technical Specifications		Page No. 1 of: 3												
1		5		Seamless stainless steel tubes		Requirements Technical Regulations		Remarks												
<b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>																				
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.																				
<table border="1"> <tr> <td>1</td> <td>1.4301, 1.4306 1.4307, 1.4401 1.4404, 1.4435</td> <td>EN 10216-5</td> <td>AT</td> <td>Seamless stainless steel tubes</td> <td>0.89</td> <td>3.50</td> <td>6.0</td> <td>48.0</td> <td>-</td> <td>-</td> </tr> </table>										1	1.4301, 1.4306 1.4307, 1.4401 1.4404, 1.4435	EN 10216-5	AT	Seamless stainless steel tubes	0.89	3.50	6.0	48.0	-	-
1	1.4301, 1.4306 1.4307, 1.4401 1.4404, 1.4435	EN 10216-5	AT	Seamless stainless steel tubes	0.89	3.50	6.0	48.0	-	-										
<b>Remarks</b> +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed +NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary																				



Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)				
Company Name: SeAH CTC Co.,Ltd.		Manufacturer		Work		Nationality		Page No..				
Location: No.2.Jiangnan Road, Jiangnan Industrial Zone, Songyang County, Lishui City, Zhejiang Province, China		No.2.Jiangnan Road, Jiangnan Industrial Zone, Songyang County, Lishui City, Zhejiang Province, China		No.2.Jiangnan Road, Jiangnan Industrial Zone, Songyang County, Lishui City, Zhejiang Province, China		CHINA		2				
Materials-term Materials-No.		Material Specification		Delivery Cond.		Article Type of Product		Dimensions				
Cur -								Thick-ness mm				
1		3		4		5		mm				
								from to				
								from to				
								Up to				
								Up to				
								6a 6b 7a 7b				
								8a 8b				
								9 10				
								Technical Specifications				
								Requirements Technical Regulations				
								Remarks				
<p><b>2. Materials according to the AD 2000-Code</b></p> <p>The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.</p>												
1	1.4301, 1.4306 1.4307, 1.4401 1.4404, 1.4435	EN 10216-5	AT	Seamless stainless steel tubes	0.89	3.50	6.0	48.0	-	-	AD 2000-W2	
<p><b>Remarks</b></p> <p>+AT = solution annealed                  +AR = as rolled                  +M = thermo mechanical treated                  +N = normalized or normalizing formed</p> <p>+NT = normalized and tempered                  +QT = quenched and tempered                  +S = soft annealed                  +SR = stress relieved</p> <p>a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary</p>												



