

Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.:

01 2627 IN/M1-240035.00

Name and address
of the manufacturer:

TUBACEX TUBES AND PIPES PRIVATE LIMITED
Survey no-131/1, Umbergaon. Sanjan Road, Valsad –
District, Gujarat-396 171
India

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, point 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to
Directive 2014/68/EU:

QM System acc. to EN 764-5, Clause 4.2 and AD 2000-Merkblatt W0

Assessment report no.:

147010221 Rev. 0

Area of validity:

Manufacturing of Stainless Steel Pipes & Tubes (Seamless), see Annex to certificate

Manufacturing plant:

TUBACEX TUBES AND PIPES PRIVATE LIMITED
Survey no-131/1, Umbergaon. Sanjan Road, Valsad –
District, Gujarat-396 171
India

Period of validity:

25.02.2025 – 24.02.2028

Audit date: 27.12.2024



Zabrze, 25.02.2025

Wojciech Szalek
Wojciech Szalek

TÜV Rheinland Polska Sp. z o.o.
Certification Body for Material Manufacturers
ul. Wolności 347, 41-800 Zabrze, Poland
e-mail: post@pl.tuv.com

T6-MS-0038294 rev. 2

Annex to Certificate no.: 01 2627 IN/M1-240035.00



Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0						
Manufacturer		Work		Country		Date		Page no.		TÜV Rheinland Polska Sp. z o.o.		
Company name TUBACEX TUBES AND PIPES PRIVATE Location: Valsad, Gujarat		131/1,Umbergaon, Sanjan Road,Valsad - District, Gujarat-396 171		India		25.02.2025 Rev.: 0		1 of 4				
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓	result		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
1. Materials according to the AD 2000 Code 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.												
1	X5CrNi18-10 (1.4301)	EN 10216-5	+AT	Stainless Steel Seamless Tubular	0.75	20	6.0	219.1	-	-	AD2000 W2, W10	
2	X2CrNi18-9 (1.4307)											
3	X5CrNiMo17-12-2 (1.4401)											
4	X2CrNiMo17-12-2 (1.4404)											
5	X2CrNiMoN 25-7-14 (1.4410)											
6	X6CrNiMoTi 17-12-2 (1.4571)											
7	X6CrNiTi18-10 (1.4948)											
8	X2CrNiMoN 22-5-3 (1.4462)											
9	X8CrNiTi 18-10 (1.4878)											

Remarks: +AT = solution annealed +N = normalized or normalizing formed +S = soft annealed
 +AR = as rolled +NT = normalized and tempered +SR = stress relieved
 +M = thermomechanical treated +QT = quenched and tempered A = PMA for the use in pressure equipment in Directive 2014/68/EU necessary T7-MS-0038294 rev. 2

Annex to Certificate no.: 01 2627 IN/M1-240035.00



Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3		<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0								
Manufacturer		Work		Country								
Company name TUBACEX TUBES AND PIPES PRIVATE		131/1,Umbergaon, Sanjan Road,Valsad - District, Gujarat-396 171		India								
Location: Valsad, Gujarat												
				Date 25.02.2025								
				Page no. 2 of 4								
				Rev.: 0								
				TÜV Rheinland Polska Sp. z o.o.								
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓ result			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

2. Materials according to international standards (e.g. ASTM, ASME, IBR, etc.)

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.

10	UNS S31803, UNS 32205,UNS32750	ASTM A789/ASME SA 789	+AT	Seamless tubes	1.00	3.5	15	160				
11	UNS S31803, UNS 32205,UNS32750	ASTM A790/ASME SA 790	+AT	Seamless Pipe	1.65	12.7	10.3	219.1				
12	TP304/304L, TP 304H, TP316/316L, TP316Ti, TP321, TP321H, TP347/347H, S31254, N08904	ASTM A312/ASME SA312	+AT	Seamless Pipe	1.24	20	10.3	219.1				
13	TP304/304L, TP316/316L, TP316Ti, TP347, S31254, N08904	ASTM A213/ASME SA213/ASTM A269	+AT	Seamless tubes	0.75	12.7	6.0	160				
14	N08825	ASME SB-163	+AT	Seamless tubes	1.00	4.2	6	76.2				

PMA for the use in pressure equipment in Directive 2014/68/EU necessary



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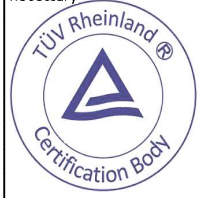
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Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3		<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0					
Manufacturer		Work		Country	Date				
Company name TUBACEX TUBES AND PIPES PRIVATE Location: Valsad, Gujarat		131/1,Umbergaon, Sanjan Road,Valsad - District, Gujarat-396 171		India	25.02.2025				
					Page no. 3 of 4				
					Rev.: 0				
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions		Weight max. 1=t 2=kg ↓ result	Technical specifications Requirements Technical regulations	Remarks
					Thickness mm	Ø mm			
					from	up to	from	up to	
1	2	3	4	5	6a	6b	7a	7b	10

3. Materials according to international standards (e.g. ASTM, ASME, IBR, etc.)

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15	1.4301 – X5CrNi 18-10	EN 10297-2	+AT	Seamless tubes & Pipe	0.75	20	6	219.1				PMA for the use in pressure equipment in Directive 2014/68/EU necessary 
16	1.4307 – X2CrNi 18-9											
17	1.4401 – X5CrNiMo 17-22-2											
18	1.4404 – X2CrNiMo 17-12-2											
19	1.4541 – X6CrNiTi 18-10											
20	1.4571 – X6CrNiMoTi 17-12-2											
21	1.4878 – X8CrNiTi 18-10											
22	1.4462 – X2CrNiMoN 22-5-3											
23	1.4410 – X2CrNiMoN 25-7-14											
24	1.4539 – X1NiCrMoCu 25-20-5											
25	1.4547 – X1CrNiMoCuN 20-18-7											

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4. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/E U 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.												
26	X5CrNi18-10 (1.4301)	EN 10216-5	+ AT	Seamless Stainless-Steel Pipes & Tubes	0.75	20	6.00	219.1	-	-	Directive 2014/68/EU	
27	X2CrNi18-9 (1.4307)											
28	X5CrNiMo17-12-2 (1.4401)											
29	X2CrNiMo17-12-2 (1.4404)											
30	X2CrNiMoN 25-7-14 (1.4410)											
31	X6CrNiMoTi 17-12-2 (1.4571)											
32	X6CrNiTi18-10 (1.4948)											
33	X2CrNiMoN 22-5-3 (1.4462)											
34	X8CrNiTi 18-10 (1.4878)											
35	X5CrNi18-10 (1.4301)											

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