

Certificato

Sistema di gestione della qualità fabbricanti di materiali secondo la direttiva 2014/68/UE

numero del certificato: 01 202 I/Q-07 2933

Nome e indirizzo del titolare del certificato : **C.C.T. inox S.p.a.
VIA UDINE 95
20039 CANEGRATE MI
Italia**

Con il presente si certifica che il fabbricante ha introdotto e sta utilizzando un Sistema di assicurazione di qualità. Questo Sistema è stato verificato, tramite una investigazione specifica, essere in accordo a quanto previsto dalla direttiva 2014/68/UE, Appendice I, Par. 4.3 con riferimento ai materiali menzionati nel campo d'applicazione.

base di prova: **Sistema di assicurazione di qualità secondo
EN 764-5, sezione 4.2 e AD 2000-Merkblatt W0**

Rapporto di prova n°: 01 202 I/Q-07 2933

Campo di applicazione: **Produzione di tubi in acciaio inossidabile mediante profilatura di nastri saldati longitudinalmente con saldatura TIG e successive lavorazioni di trattamento termico e finitura superficiale, secondo appendice, 11.05.2022, Rev.:04, di certificato**

sito di produzione: vedi titolare del certificato

Validità: **Questo certificato è valido a 31.05.2025.**

Colonia, 20.05.2022

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

Certificate

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

Certificate no.: 01 202 I/Q-07 2933

Name and address of the
certificate holder: **C.C.T. inox S.p.a.**
VIA UDINE 95
20039 CANEGRATE MI
Italy

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 I/Q-07 2933

Scope: **Manufacture of stainless steel tubes, profiled from strip, longitudinally welded by TIG process welding and further processed by heat treatment and surface finishing, see annex, 11.05.2022, Rev.:04, to certificate**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2025-05-31.**

Cologne, 2022-05-20

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 I/Q-07 2933

Name und Anschrift des
Zertifikatsinhaber: **C.C.T. inox S.p.a.**
VIA UDINE 95
20039 CANEGRATE MI
Italien

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 I/Q-07 2933

Geltungsbereich: **Herstellung von TIG langnahtgeschweissten Rohren aus profilierten Bandstählen und Weiterverarbeitung durch Wärmebehandlung und Oberflächenbearbeitung, siehe Anlage, 11.05.2022, Rev.:04, zum Zertifikat**

Fertigungsstätte: siehe Zertifikatsinhaber

Gültigkeit: **Dieses Zertifikat ist gültig bis 31.05.2025.**

Köln, 20.05.2022

Dipl.-Ing. (FH) Vera Ruff



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

E-108a

Certificat

Systèmes de management de la qualité Pour fabricant de matériaux selon Directive 2014/68/EU

Certificat no.: 01 202 I/Q-07 2933

Nom et adresse
du titulaire du certificat : **C.C.T. inox S.p.a.**
VIA UDINE 95
20039 CANEGRATE MI
Italie

L'office de certification certifie par la présente que le fabricant a établi et entretient un système assurance-qualité selon directive 2014/68/EU, annexe I, chap. 4.3. Ceci a été réalisé lors d'un audit avec évaluation spécifique pour les matériaux listés au domaine de validité annexé au présent certificat.

base expérimentale: **Système Assurance-Qualité selon EN 764-5,
chap. 4.2 et AD 2000-Merkblatt W0**

Rapport d'Audit No.: 01 202 I/Q-07 2933

Domaine de validité: **Production de tubes en acier inox obtenus par profilage des
fueillards, suivi par soudure longitudinale (soudage TIG),
traitement thermique et surfaçage, voir l'annexe, 11.05.2022,
Rev.:04, du certificat**

Lieu de production: voir titulaire du certificat

Validité: **Ce certificat est valide à 31.05.2025.**

Cologne, 20.05.2022

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

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+)			
Manufacturer				Work				Nationality		Date		Page No..		
Company Name: C.C.T. Inox S.p.A. Via Udine, 95 Location: I – 20039 Canegrate (MI) - Italy				C.C.T. Inox S.p.A. Via Udine, 95 I – 20039 Canegrate (MI) - Italy				IT		11.05.2022		3		TÜV Rheinland Industrie Service GmbH
										Rev.:04		of : 3		
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations		Remarks		
					Thick- ness mm		Ø mm							
					from	Up to	from	Up to		8a	8b		9	10
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)														
The use of the materials according to DGR 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	TP304L (1.4307)	ASTM A 249 / ASME SA 249	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	ASTM A 249 / ASME SA 249	a		
2	TP316L (1.4404)	ASTM A 249 / ASME SA 249	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	ASTM A 249 / ASME SA 249	a		
3	S31803 (1.4462)	ASTM A 789 ASME SA 789	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	ASTM A 789 ASME SA 789	a		
4	TP321 (1.4541)	ASTM A 249 / ASME SA 249	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	ASTM A 249 / ASME SA 249	a		
Results		+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+)				
Manufacturer				Work				Nationality	Date	Page No..	TÜV Rheinland Industrie Service GmbH	
Company Name: C.C.T. Inox S.p.A. Via Udine, 95 Location: I – 20039 Canegrate (MI) - Italy				C.C.T. Inox S.p.A. Via Udine, 95 I – 20039 Canegrate (MI) - Italy				IT	11.05.2022	1		
Cur -		Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions		Weight max	Technical Specifications Requirements Technical Regulations		Remarks	
						Thick- ness mm	∅ mm	1=t / 2=kg				
						from 6a	Up to 6b	from 7a	Up to 7b	↓ 8a	res ult 8b	
1		2	3	4	5	6a	6b	7a	7b	8a	8b	9
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU												
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	X2CrNiMo17-12-2 - (1.4404)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
2	X5CrNi18-10 - (1.4301)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
3	X2CrNi18-9 - (1.4307)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
4	X2CrNiMoN22-5-3 - (1.4462)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
5	X6CrNiMoTi17-12-2 – (1.4571)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	16,0	32,0	-	-	EN 10217-7	
Remarks		+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+)			
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						Rev.:04		of :	3					
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements		Remarks		
					Thick- ness mm		Ø mm			Technical Regulations				
					from	Up to	from	Up to		8a	8b			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
2. Materials according to the AD 2000-Code														
The use of the materials according to DGR 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	X2CrNiMo17-12-2 - (1.4404)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
2	X5CrNi18-10 - (1.4301)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
3	X2CrNi18-9 - (1.4307)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
4	X2CrNiMoN22-5-3 - (1.4462)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required. Prematerial specification according WB 418 is required		
5	X6CrNiMoTi17-12-2 – (1.4571)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	16,0	32,0	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
Remarks	+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							



Letter of Confirmation

Uniformity of the Production of welded tubes

Transition from an inspection certificate 3.2 into an inspection certificate 3.1

Certificate no.: 01 202 I/Q-07 2933-113

Name and address of the
certificate holder:

C.C.T. inox S.p.a.
Via Udine 95
Canegrate Mi, 20039, Italy

The manufacturer has demonstrated with evidence of adequate statistical reliability, that the necessary requirements for materials mentioned below under scope, are met. The manufacturer is authorized to deliver the listed steel grades with an Inspection Certificate 3.1 instead of an inspection certificate 3.2. He is obliged to issue the inspection certificate 3.1 with the following note:

"The transition from an inspection certificate 3.2 into an inspection certificate 3.1 is made on the basis of the Letter of Confirmation "Uniformity of the Production of welded tubes - Transition from an inspection certificate 3.2 into an inspection certificate 3.1" issued by TÜV Rheinland Industrie Service GmbH on 2022-05-20."

Tested acc. to AD 2000:

AD 2000-Merkblatt W 2 para. 6.2.1 and DIN EN 10217-7

Verification of:

Evidence of adequate statistical reliability for the transition from an inspection certificate 3.2 into an inspection certificate 3.1 for welded tubes

Scope:

Welded tubes with a wall thickness range of 0.4 – 3 mm from the material qualities 1.4404, 1.4301, 1.4307, 1.4571

Audit report no.:

01 202 I/Q-07 2933

Manufacturing plant:

C.C.T. inox S.p.a.
Via Udine 95
Canegrate Mi, 20039, Italy

Validity:

This letter of confirmation is valid until 2025-05-31

This letter of confirmation is only valid in conjunction with the valid certification according to AD 2000 W0:

Certificate number: 01 202 I/Q-07 2933

Cologne, 2022-05-20


Dipl.-Ing. (FH) Vera Ruff
Certification Body for material manufacturer



TÜV Rheinland Industrie Service GmbH
Certification Body for material manufacturer
Am Grauen Stein, D-51105 Cologne

MS-0031560 E-113-E-Rev.01

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+)			
Manufacturer				Work				Nationality		Date		Page No..		
Company Name: C.C.T. Inox S.p.A. Via Udine, 95 Location: I – 20039 Canegrate (MI) - Italy				C.C.T. Inox S.p.A. Via Udine, 95 I – 20039 Canegrate (MI) - Italy				IT		11.05.2022		3		TÜV Rheinland Industrie Service GmbH
										Rev.:04		of : 3		
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations		Remarks		
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The use of the materials according to DGR 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.														
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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+)				
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2	X5CrNi18-10 - (1.4301)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
3	X2CrNi18-9 - (1.4307)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
4	X2CrNiMoN22-5-3 - (1.4462)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	EN 10217-7	
5	X6CrNiMoTi17-12-2 – (1.4571)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	16,0	32,0	-	-	EN 10217-7	
Remarks		+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+)			
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Company Name: C.C.T. Inox S.p.A. Via Udine, 95 Location: I – 20039 Canegrate (MI) - Italy					C.C.T. Inox S.p.A. Via Udine, 95 I – 20039 Canegrate (MI) - Italy				IT		11.05.2022	2	TÜV Rheinland Industrie Service GmbH	
		Rev.:04	of : 3											
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2	X5CrNi18-10 - (1.4301)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
3	X2CrNi18-9 - (1.4307)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
4	X2CrNiMoN22-5-3 - (1.4462)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	6,0	63,4	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required. Prematerial specification according WB 418 is required		
5	X6CrNiMoTi17-12-2 – (1.4571)	EN 10217-7	+AT	Longitudinally welded tubes	0,4	3,0	16,0	32,0	-	-	AD-2000 W2	Inspection Certificate 3.2 acc. EN 10204 is required.		
Remarks	+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							

