

Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 97/23/EC

Certificate no.: 01 202 I/Q-08 5131

Name and address of the manufacturer: **Marcegaglia Specialties S.p.A.
Via Bresciani, 16
I-46040 Gazoldo D.I. (MN)**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to Directive 97/23/EC: **QM System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0**

Audit report no.: I/Q-08 5131

Range of materials: Manufacture of austenitic stainless steel wide strips, plates/sheets and flat bars, see annex to certificate

Manufacturing plant: **Marcegaglia Specialties S.p.A.
Via Bresciani, 16
I-46040 Gazoldo D.I. (MN)**

Valid until: **June 05, 2019**

Cologne, July 14, 2016

Dipl.-Wirt.-Ing. Smitha Pazhamannil



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

E-106b-Rev7

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 **TÜVRheinland®**
Precisely Right.

Certificato

Sistema d'assicurazione di qualità per fabbricanti di materiali secondo la direttiva 97/23/CE

Numero del certificato: 01 202 I/Q-08 5131

Nome e l'indirizzo del
fabbricante:

Marcegaglia Specialties S.p.A.
Via Bresciani, 16
I-46040 Gazoldo D.I. (MN)

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 97/23/CE, Appendice I, Par. 4.3 con riferimento ai materiali menzionati nel campo d'applicazione.

Esaminato seconda la direttiva
97/23/CE:

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

Rapporto di prova n°:

I/Q-08 5131

Campo d'applicazione:

Fabbricazione di larghi nastri, lamiere e piatti in bandelle in acciaio inossidabile austenitico, secondo appendice di certificato

Unità produttiva:

Marcegaglia Specialties S.p.A.
Via Bresciani, 16
I-46040 Gazoldo D.I. (MN)

Data di scadenza:

05. giugno 2019

Colonia, il 14. luglio 2016

Dipl. Wirt.-Ing. Smitha Pazhamanil



TÜV Rheinland-Certification Body for
Pressure Equipment
TÜV Rheinland Industrie Service GmbH
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E-106a-Rev7

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"/> FPC, Regulation (EU) No. 305/2011(System 2+)								
Manufacturer		Work		Nationality	Date	Page No..						
Company Name: Marcegaglia Specialties S.p.A. Via Bresciani, 16 Location: I – 46040 Gazoldo D. I. (MN) - Italy		Marcegaglia Specialties S.p.A. Via Bresciani, 16 I – 46040 Gazoldo D. I. (MN) - Italy		IT	18.06.18	1	TÜV Rheinland					
					Rev.: 02	of : 3	GmbH					
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ result	Technical Specifications Requirements Technical Regulations	Remarks	
					Thick-ness mm		Ø mm					
					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
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	X5CrNi18-10 (1.4301)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
2	X2CrNi18-9 (1.4307)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
3	X5CrNiMo17-12-2 (1.4401)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
4	X2CrNiMo17-12-2 (1.4404)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
5	X6CrNiTi18-10 (1.4541)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
6	X6CrNiMoTi17-12-2 (1.4571)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10028-1 EN 10088-1	
Remarks												
+AT = solution annealed			+NT = normalized and tempered			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary						
+AR = as rolled			+QT = quenched and tempered									
+M = thermo mechanical treated			+S = soft annealed									
+N = normalized or normalizing formed			+SR = stress relieved									



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"/> FPC, Regulation (EU) No. 305/2011(System 2+)							
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					Thick- ness mm		Ø mm					
					from	Up to	from	Up to				
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	X5CrNi18-10 (1.4301)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
2	X2CrNi18-9 (1.4307)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
3	X5CrNiMo17-12-2 (1.4401)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
4	X2CrNiMo17-12-2 (1.4404)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
5	X6CrNiTi18-10 (1.4541)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
6	X6CrNiMoTi17-12-2 (1.4571)	EN 10028-7	+AT	Flat stainless steel	0,8	12	-	-	1	30	AD-2000 W2 / W10	Inspection Certificate 3.1 acc. EN 10204 is required.
Remarks												
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+AR = as rolled			+QT = quenched and tempered									
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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"/> FPC, Regulation (EU) No. 305/2011(System 2+)								
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					Thick- ness mm		Ø mm					
					from	Up to	from	Up to				
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	X5CrNi18-10 (1.4301)	EN 10088-2	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10088-1	a
2	X2CrNi18-9 (1.4307)	EN 10088-2	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10088-1	a
3	X5CrNiMo17-12-2 (1.4401)	EN 10088-2	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10088-1	a
4	X2CrNiMo17-12-2 (1.4404)	EN 10088-2	+AT	Flat stainless steel	0,8	12	-	-	1	30	EN 10088-1	a
5	Type 304 Type 304L Type 316 Type 316L	ASTM A240 ASME SA 240	+AT	Flat stainless steel	0,8	12	-	-	1	30	ASTM A240 ASME SA 240 ASTM A480 ASME SA 480	a
Results												
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