



CERTIFICATE

TUV SUD BABT Unlimited

certifies that

**Marcegaglia Stainless Richburg, LLC.
3043 Crenshaw Pkwy / 572 Colonels Pointe
Richburg, SC 29729, USA**

has implemented, operates and maintains a

**Quality Assurance System in accordance with the
Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4,
Para. 31 (8) as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

bars, wire rods and semi finished products in stainless steels.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-7218986-22_PER.

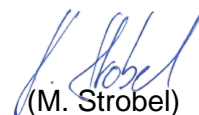
The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment (Safety) Regulation 2016/1105. Possible additional requirements - specific to applied technical specifications to meet PER 2016/1105, Schedule 2 - are not affected.

This certificate is valid through 2026-07-31.

In order to adhere the validity an annual surveillance audit is required.

Certificate No.: PER-0168-QS-M 3339563/2023/MUC-01
Fareham, 2023-11-17

TUV SUD BABT Unlimited


(M. Strobel)

Certification Body
Materials and Permanent Joining

TUV SUD BABT Unlimited
Octagon House, Concorde Way Segensworth North,
Fareham, Hampshire, PO 15 5RL, United Kingdom

TUV®



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17.11.2023

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**Scope of the approval – Manufacturer of material in accordance with
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.
PER-0168-QS-M 3339563/2023/MUC-01 von / dated 2023-11-17

Name: Marcegaglia Stainless Richburg, LLC.	Country: US	Date: rev. 0 2023-11-17	Page: 1 of 1	Competent Body of TUV SUD B A B T Unlimited
Manufacturer: Street: 3043 Crenshaw Pkwy / 572 Colonels Pointe				
City: Richburg, SC 29729				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-7218986-22_PER. dated 2023-07-01
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	2=kg	Spec.	No.	Remarks
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	X5CrNi18-10 (1.4301), X2CrNi19-11 (1.4306), X2CrNi18-9 (1.4307), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550), X7CrNiNb18-10 (1.4912)	EN	10272	U AT	Bar material Bar material, base material	-	-	12	*1)	-	-			*3) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. *1) Max diameter according to EN 10272 sizes for bar material
02*3)	X5CrNi18-10 (1.4301), X2CrNi19-11 (1.4306), X2CrNi18-9 (1.4307), X5CrNiMo17-12-2 (1.4401), X2CrNiMo17-12-2 (1.4404), X6CrNiTi18-10 (1.4541), X6CrNiNb18-10 (1.4550)	EN	10088-3	U AT	Bar material Bar material, base material	-	-	12	*2)	-	-			*2) Max diameter according to EN 10088-3 sizes for bar material
03*3)	304, 304L, 316, 316L	ASTM ASME	A479/ A276 SA-479/ SA-276	U	Bar material	-	-	12	250	-	-			
04*3)	304, 304L, 316, 316L, 321, 321H, 347, 347H	ASTM ASME	A479/ A276 SA-479/ SA-276	AT	Bar material	-	-	12	250	-	-			For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.

Explanation: AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled
 a = material designation in column 10 b = condition in column 10 c = object in column 10
 d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10