

**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 3262192/2023/MUC-01 von / dated 2023-02-21**

Name: MARCEGAGLIA Palini & Bertoli S.p.A. Manufacturer: Street: Via E. Fermi, 28 City: IT-33058 San Giorgio di Nogaro (UD)					Country: IT	Date: rev. 0 2023-02-21	Page 1 of 1	Competent Body of TUV SUD BABT Unlimited	
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No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722307063-22 dated 2022-11-09
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t 2=kg		Spec.	No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01*)	Allgemeine Baustähle / constructional steels S235JR (1.0038), S275JR (1.0044), S355JR (1.0045) S235JRG2, S275JR RSt 37-2, St 44-2	EN	10025-2	AR	Blech / plate	8	25							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.
		EN	10025:90	AR		8	25							
		DIN	17100	AR		8	25							
02*)	Allgemeine Baustähle / constructional steels S235JR (1.0038); S235J2 (1.0117) S275JR (1.0044); S275J2 (1.0145) S355JR (1.0045); S355K2 (1.0596) S235JRG2, S275JR S235J2G3, S275J2G3, S355J2G3, S355K2G3 RSt 37-2, St 44-2, St 37-3 N	EN	10025-2	CR	Blech / plate	8	80							
		EN	10025:90	CR		8	80							
		DIN	17100	CR		8	80							
03*)	St 44-3 N, St 52-3 N	DIN	17100	CR	Blech / plate	8	80							
04	P235GH (1.0345), P265GH (1.0425) P295GH (1.0481), P355GH (1.0473)	EN	10028-2	CR	Blech / plate	8	80							
05	P275NH (1.0487), P275NL1 (1.0488), P275NL2 (1.1104) P355NH (1.0565), P355NL1 (1.0566), P355NL2 (1.1106)	EN	10028-3	CR / N	Blech / plate	8	80							
						8	120							
06*)	Gr. 60, Gr. 65, Gr. 70	ASTM ASME	A516 SA516	CR	Blech / plate	8	80							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 tempered 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