Annex to Certificate No. : 2571 ZA/Q-23 0001.01

TÜVRheinland®

Scope according to	**Pressure Equipment Safety Regulations 2016 SI 2016 No.: 1105 as amended**

Material Manufacturer	Manufacturing plant	Nationality	Date	Page No..	
Company Name: Columbus Stainless (Pty) Ltd. Location: Hendrina Road, 1050 Middelburg, South Africa	Columbus Stainless (Pty) Ltd. Hendrina Road, 1050 Middelburg, South Africa	South Africa	03.11.2026 Rev.: 01	1 of : 3	TUV Rheinland UK Ltd

Cur-	Product grades (Materials-term / Materials-No.)	Product code or standard (Material Specification)	Delivery Cond.	Product Form (Article, Type of Product)	Product dimensions / quantity (Dimensions) Thickness mm from	Thickness mm Up to	∅ mm from	∅ mm Up to	Weight max 1=t / 2=kg ⇓	Weight max 1=t / 2=kg result	Technical Specifications Requirements Technical Regulations	Original material manufacturers QMS Certificate / Remarks
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
The use of the materials according to Pressure Equipment Safety Regulations 2016 as amended is bound to the publication of designated standards 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 PESR must be observed for the use of material grades listed in column 2 to 4.												
01	X2CrNiMoN22-5-3(1.4462)	EN 10028-7	AT	Plate	6.0	63.5					AD 2000 W2, W10	
02	X2CrNiN23-4(1.4362)	EN 10028-7	AT	HR Coil / Sheet	2.5	8.0						
03	X2CrNi12(1.4003)	EN 10028-7	A	CR Coil / Sheet	0.4	6.0						
04	X2CrTiNb18(1.4509)	EN 10028-7	A									
05	X3CrTi17(1.4510)	EN 10028-7	A									
06	X2CrMoTi18–2(1.4521)	EN 10028-7	A	CR Coil / Sheet	0.4	6.0						
07	X6CrMoNb17–1(1.4526)	EN 10028-7	A									

TÜVRheinland® 2571 Approved Body

Remarks			
+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment in PESR 2016 as amended neccessary
+AR = as rolled	+QT = quenched and tempered	
+M = thermo mechanical treated	+S = soft annealed	
+N = normalized or normalizing formed	+SR = stress relieved	

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Location:	Hendrina Road, 1050 Middelburg, South Africa	Hendrina Road, 1050 Middelburg, South Africa		Rev.: 01	of : 3	

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08	X5CrNi18-10 (1.4301)	EN 10028-7	AT									
09	X2CrNi19-11(1.4306)	EN 10028-7	AT									
10	X5CrNiMo17-12-2(1.4401)	EN 10028-7	AT	Plate	6.0	63.5						
11	X2CrNiMo17-12-2(1.4404)	EN 10028-7	AT									
12	X2CrNiMoN17-11-2(1.4406)	EN 10028-7	AT	HR Coil / Sheet	2.5	8.0						
13	X6CrNiMoTi17-12-2(1.4571)	EN 10028-7	AT	CR Coil / Sheet	0.4	6.0						
14	X2CrNi18-9(1.4307)	EN 10028-7	AT								AD 2000 W2,W10	
15	X6CrNiTi18-10(1.4541)	EN 10028-7	AT									
16	X2CrNiMo17-12-3(1.4432)	EN 10028-7	AT									
17	X2CrNiMo18-14-3(1.4435)	EN 10028-7	AT									
18	X3CrNiMo17-13-3(1.4436)	EN 10028-7	AT	Plate	6.0	63.5						
19	X6CrNi23-13(1.4950)	EN 10028-7	AT	HR Coil / Sheet	2.5	8.0						
20	X6CrNi25-20(1.4951)	EN 10028-7	AT	CR Coil /Sheet	0.4	6.0						
21	X2CrMnNiMoN21–5-3(1.4482)	EN 10088-2	AT									

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22	301L, 301LN, 304, 304L, 316, 321		AT									
23	309S, 310S, 316L, 316LN, 316Ti		AT	Plate	6.0	63.5						PMA for use in the pressure
24	430, 436, 439, 444	ASTM A 240	A									Equipment in PESR 2016 as
25	S32001, S31803, 2205, 2304	ASME SA 240	AT	HR Coil / Sheet	2.5	8.0						Amended necessary
26	409, S40975, 410S, S41003		A	CR Coil /Sheet	0.4	6.0						
27	S43932, S43940		A									
28	321H, 309H, 304H, 310H	ASTM A 240 ASME SA 240	AT	Plate	8.0	63.5						

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