Annex to Certificate No. 01 202 IND/Q-15-0028



Scope according to			Directive 2014/68/EU Annex I §4.3			☐ EN 764-4					AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)			
		Work					Nationality Date		Date	Page No							
Company Name: Steamline Industries Limited					Survey No.:265 Paiki 3,4,8,12 & 13 At – Nananpur – 383 210.Tal: Prantij,Dist: Sabarkantha (Gujarat)					India 03-03-17		1		TÜV Rheinland Industrie Service			
Location: Nananpur – 383 210, Gujarat						,	. ,	,		1		Rev.: 1	of: 3		GmbH		
Cur -	Materials-term Materials-No.		Material Specification	Delivery Cond.	Article Type of Product	Dimensions			Weight max		Technical Specification	S.	Remarks				
				*		Thickness Ø mm mm			1=t / 2=kg		Requirement	ts					
						from	upto			U re	es ult	Technical Regulations	3				
1 2 3 4				5	6a	6b	7a	7b	8 8 a	8b	9	9 10					
	1. 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	TD304 TD304	TD316 TD316	ASME/ASTM SA/A269	AT	N			l					For AS	TM Ma	terials A PMA is		
2	1 TP304, TP304L, TP316, TP316L 2 TP 321, TP 347		ASME/ ASTM SA/A269	AT	Welded	0.7	3.0	6.0	220				required				
3		P304, TP304L, TP316, TP316L ASME/ASTM SA/A249 AT			Seamless	0.7	3.0	6.0	88.9				Jaheinia				
4			ASME/ASTM SA/A249	AT	Pipes	0.1	0.0	0.0	00.0				(2)	1	128		
5		, ,TP304N, TP304H	ASME/ASTM SA/A312	АТ	Tubes	1.65	12.70	10.30	323.8	8		3 25596) w		
6	6 TP316, TP316L,TP316H,		ASME/ASTM SA/A312	AT	U Tubes	1.0	8.5	15.87	116.0	о			01 86300 10				
7	7 TP316Ti, TP321,TP321H,TP347 ASME/ASTM SA/A312 AT			AT										Tal S	1		
8	TP347H	, TP 310H/S	ASME/ASTM SA/A312	AT													
9), 446-1	ASME/ASTM SA/A268	AT	V												
* +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed					+QT = 0 +S = 8							a =			n pressure equipment 68/EU neccessary		

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а	Scope Directive 2014/68/EU Annex I §4.3			□ EN 764-4					AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)		
		Work					Nationality Date		Page No					
	npany Name: Ste	Survey No.:265 Paiki 3,4,8,12 & 13 At – Nananpur – 383 210.Tal: Prantij,Dist: Sabarkantha (Gujarat)					India 03-03-17		of: 3		TÜV Rheinland Industrie Service			
Location: Nananpur – 383 210, Gujarat						`				Rev.: 1			3	GmbH
Cur -	Materials-term ur Materials-No. -		Material Specification	Delivery Cond.	Article Type of Product	Dimensions			Weig Technica ht Specificatio Max		Remarks s		Remarks	
				*		Thickness Ø				Requirements				
					mm mm		m	1=t / 2=kg						
						from upto fro upt		upto	∜ res ult	. rogalianom				
1 2 3 4			4	5	6a	6b	7a	7b	8 8b a	9	10			
2. N	2. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)													
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10	10 TP304,TP304L,TP304N, TP304H ASME/ASTM SA/ A213 AT			AT	Ŋ							F	For ASTM Ma	terials A PMA is
11	1 TP316, TP316L,TP316H,TP321 ASME/ASTM SA/A213 AT		AT	Welded	0.7	3.0	6.0	220			r	required	70000	
12			ASME/ASTM SA/A213	,	Seamless	0.7	3.0	6.0	88.9			Synheinland		
13	· ·	H,TP347,TP347H	ASME/ASTM SA/A213	,	Pipes								1-1	A 1
14		10H / S	ASME/ASTM SA/A213	,	Tubes	1.65	12.70		323.8				12/	86586
15	15 UNS S31803, UNS S32205		ASME/ASTM SA/A789		U Tubes	1.0	8.5	15.87	116.0				100	Irial Seld
16 UNS S32750, UNS S32760 ASME/ASTM SA/A790 AT				AT	V									
Results * +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed					+QT = 0 +S = 5	normalize quenche soft anne stress re	d and te aled		d		a =			n pressure equipment 68/EU neccessary



Scope Directive 2014/68/EU according to Annex I §4.3			ΞU		EN	764-4			AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)			
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Loca	tion: Nananpur -		<u>, </u>					Rev.: 1	of:	3	GmbH				
Cur -		Materials-term Materials-No.		Delivery Cond.	Article Type of Product	Dimensions			Weight max	Technical Specification	ons.		Remarks		
				*		Thickness ∅ mm mm			1=t / 2=kg						
			I			from	from upto			Ult res	Technical Regulation				
1	1 2		3	4	5	6a	6b	7a	7b	8 8b a	9			10	
1. M	aterials acco	ording to the Al	D 2000-Code				,								
appr	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.														
17		8 -10 (1.4301)		AT									ahein		
18	X 2 CrNiMo 1	7 12 2 (1.4404)	EN 10217-7	AT	Welded	0.7	3.0	6.0	220		AD 2000 W	2	15 A	700	
19	X 2 CrNi 1	8- 9 (1.4307)	EN 10216-5	AT	Seamless	0.7	3.0	0 6.0 88.9		14	(<u>A</u>) on				
20	X 5 CrNiMo 1	7-12-2 (1.4401)	, (AT	Pipes								86586	00	
21	X 6 CrNiTi 1	18 -10 (1.4541)		AT	Tubes	1.65	12.70	10.30	323	.8			atrial S	3.5	
22	X 6 CrNiMoTi	17-12- 2 (1.4571)		AT	U Tubes	1.0	8.5	15.87	116	.0					
23	X2CrNi19	9-11(1.4306)		AT											
24	4 X7CrNiTi18-10(1.4940) EN 1021		EN 10216-5	AT											
			I												
Results * +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed					+QT = 0 +S = 8	normalize quenchee soft anne stress rel	d and te ealed				а			n pressure equipment 68/EU neccessary	