

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0

Firm: APERAM Inox America do Sul S.A.
 Place: Praça Primeiro de Maio 9 - Timoteo - MG - Brazil

Annex to Certificate
 DGRL-Nr.: 07/202/9010/WZ/1156/18
 AD 2000-W0-Nr.: 07/203/9010/WP/1156/18

Date : 03.012.2018/LiA
 TÜV-File: 9010AW_1156/18
 SAP 8116273269



Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Techn. Specification Requirements	Remarks
								Doc.: STW-ZE-AD2000 W0_PED_Geltungsbereich-FB-320_ eng Rev 01/07.16
1	2	3	4	5	6	7	8	9
1.1	X5CrNi18-10(1.4301) X2CrNi18-9 (1.4307) X2CrNiN18-10 (1.4311) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404) X6CrNiNb 18-10 (1.4550) X2CrTiNb18 (1.4509)	EN 10028-7	+AT/AT	Band / coil Blech / Plate	0,4 - 8,0 8,0 - 50,8		Richtlinie 97/23/EG Directive 97/23/EC EN 13445-2 EN 13480-2	Certified acc. to PED annex I, sec. 4.3 by the Notified Body of TÜV NORD Systems (Reg. no. 0045).
2.1	X5CrNi18-10(1.4301) X2CrNi18-9 (1.4307) X2CrNiN18-10 (1.4311) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404) X6CrNiNb 18-10 (1.4550)	EN 10028-7	+AT/AT	Band / coil Blech / Plate	0,4 - 8,0 8,0 - 50,8		AD 2000-Mbl. W 2	
3	INFO 1) 304L 316L 304 321 201 2205 301 316	ASME SA 240	2)	Band / coil Blech / Plate	2)	2)		1) In case of delivery according to PED 97/23/EC a Particular Material Appraisal (PMA) is required. 2) According to technical specification in Column 3.

NT = normalized and tempered; +QT / V = quenched and tempered; M = thermo mechanical treated

AR = without annealing; SR = stress relieved; A = soft annealed; CR = controlled hot rolled

Hints for materials use acc. to Directive 2014/68/EU: The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge