

		rective 2014/68/E Annex I §4.3	U	☐ EN 764-4					AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)			
		Manufactu	rer		Work					Nationality		y Date	Pa	ige No	
Com	pany Name: N								26.03.2019		1	TÜV Rheinland			
Visschedijkweg 17					Oldenzaal					NL					Industrie Service
Location: NL - 7575 PB Oldenzaal						ı						Rev.: 0	of:	3	GmbH
Cur			Delivery Cond.	Article Dimensions Type of Product					Weight Sp		Technical Specifications		F	Remarks	
						Thick- ∅ ness			Ø	Re		Requirements			
					mm mm				m		=t /	Technical			
						from	Up	from	Up	2= ↓↓	kg res	Regulations			ahein/a'
							to		to	v	ult				
1	lataniala aa	2	<u>3</u> onized European	4	5	6a	6b	7a	7b	8a	8b	9			10 24 4/CO/FIL
of 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.														
01	01 Austenitic Steel castings 1.4308, 1.4309,1.4408, 1.4409, 1.4552, 1.4581		EN 10213	AT	Castings (Sandcasting)					1	1,5	EN 13445			
02	Duplex-	14332, 1.4381 Steel castings 59, 1.4470, 1.4417	EN 10213	AT	Castings (Sandcasting)					1	1,5	EN 13445			
Rema	+A +A +M +N	+QT = qu +S = so	rmalize enched ft annea ess relic	and aled								n pressure equipment 68/EU neccessary			



Scope Directive 2014/68/EU according to Annex I §4.3			☐ EN 764-4							AD 2000- erkblatt W0	FPC, Regulation (EU) No. 305/2011(System 2+)				
		Manufactur	er		Work					Nationality		Date	Pa	ige No	
Com	pany Name: No								26.03.2019		2	TÜV Rheinland			
Visschedijkweg 17					Oldenzaal						NL				Industrie Service
Location: NL - 7575 PB Oldenzaal												Rev.: 0	of:	3	GmbH
Cur	Materials-term Material Materials-No. Specification		Delivery Cond.	Article Dimensions Type of Product					Weight Technic Specificati				F	Remarks	
					Thick- ∅				Requiremen						
					ness mm mm			1=t / Technical							
						f	l la	£	Lla	2=	kg	Regulations			
						from	Up to	from	Up to	1	res ult				A VIANOINI
1		2 ording to the A	3	4	5	6a	6b	7a	7b	8a	8b	9			10
partic	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.														
03	1.430 1.455	Steel castings 8, 1.4408, 2, 1.4581	EN 10213	AT	Castings (Sandcasting)					1	1,5	AD2000-W5			
Remarks  +AT = solution annealed +AR = as rolled +QT = quenched and tempered +M = thermo mechanical treated +N = normalized or normalizing formed  +SR = stress relieved  a = PMA for the use in pressure ed in Directive 2014/68/EU necce in Directive 2014/68/EU necce  stress relieved															



Scope Directive 2014/68/EU Annex I §4.3			☐ EN 764-4							AD 2000- lerkblatt W0	FPC, Regulation (EU) No. 305/2011(System 2+)			
		Manufactu	rer		Work					Nationality		/ Date	Page No	
Com	pany Name: No	n Ferro Gieterij "O	ldenzaal"bv									26.03.2019	3	TÜV Rheinland
	Viss	Oldenzaal						NL			Industrie Service			
Loca	tion: NL								Rev.: 0	of: 3	GmbH			
Cur			Delivery Cond.	Article Type of Product					- 3		Technical Specifications	Remarks		
						Thick- Ø ness						Requirements		
					mm mm  from Up from Up		1=t / Technical 2=kg Regulations			ahe				
							to		to		ult			
1 2 3 4				5 6a 6b 7a 7b				8a	8b	9	9 10			
		•	national standard R 2014/68/EU is bound t	•	•		•							dustri
	e applicable code  Austenitic S	respectively the PE	e manufacturing reliabili D must be observed for ASTM A 351							1	1,5	9,7.1.101.1,7.0.11.2,	No. 04 to 07:	
CF3, CF8, CF3M, CF8M CF3MN, CK-3MCuN				(Sandcasting)										
	05 Duplex- Steel castings 1B/CD4MCuN, 4A/CD3MN 6A/CD3MWCuN		ASTM A 995	AT	Castings (Sandcasting)					1	1,5			
06 Copper-Aluminium Alloys		EN 1982 DIN 1705 ASTM B 148	b	Castings (Sandcasting)					1	1,5		b: acc. to spe	ecification	
07 Manganese-Copper Alloys		Kundennorm*, CU4	b	Castings (Sandcasting)					1	1,5		* Lloyd's Reg and GL	ister of Shipping, ABS	
Resu	+AT +AR +M	+QT = quenche +S = soft		l and aled	l tempe tempere		•	1			in pressure equipment 1/68/EU neccessary			