


Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0				
Certificate holder (Manufacturer of materials)					Manufacturing plant				Nationality		Page No.:		1	
Company Name:		Fenix Industries B.V.			Fenix Industries B.V.				NL		of :		3	
Location:		Kleibultweg 109 7575 BW Oldenzaal Netherlands			Kleibultweg 109 7575 BW Oldenzaal Netherlands						Date:		18.02.2025	
											Rev.:		2	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements		Remarks	
					Thick- ness mm		Ø mm		1=t / 2=kg		Technical Regulations			
					from	Up to	from	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU														
The use of the materials according to Directive 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.														
01	Austenitic stainless steels 1.4308, 1.4309, 1.4408, 1.4409, 1.4552, 1.4581	EN 10213	AT	Casting	B	B	-	-	1	1,5		B: dimensions acc. to standard C: condition acc. to standard		
02	Duplex steel 1.4517, 1.4469, 1.4470, 1.4417	EN 10213	AT	Casting	B	B	-	-	1	1,5				
03	Aluminum and Aluminum alloys EN AC-42100, EN AC-43000, EN AC-44200	EN 12392	C	Casting	B	B	-	-	1	1,5				

Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
----------------	---	---	--

Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0				
Certificate holder (Manufacturer of materials)					Manufacturing plant				Nationality		Page No.:		2	
Company Name:		Fenix Industries B.V.			Fenix Industries B.V.				NL		of :		3	
Location:		Kleibultweg 109 7575 BW Oldenzaal Netherlands			Kleibultweg 109 7575 BW Oldenzaal Netherlands						Date:		18.02.2025	
											Rev.:		2	
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements		Remarks	
					Thick- ness mm		Ø mm		1=t / 2=kg		Technical Regulations			
					from	Up to	from	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
2. Materials according to the AD 2000-Code														
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.														
01	Austenitic stainless steel 1.4308, 1.4408, 1.4552, 1.4581	EN 10213	AT	Casting	B	B	-	-	1	1,5	AD 2000 W5	B: dimensions acc. to standard		

Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
----------------	---	---	---

Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0				
Certificate holder (Manufacturer of materials)					Manufacturing plant				Nationality		Page No.:		3	
Company Name:		Fenix Industries B.V.			Fenix Industries B.V.				NL		of :		3	
Location:		Kleibultweg 109 7575 BW Oldenzaal Netherlands			Kleibultweg 109 7575 BW Oldenzaal Netherlands						Date:		18.02.2025	
											Rev.:		2	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks 		
					Thick- ness mm	Ø mm		1=t / 2=kg						
					from	Up to	from	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
3. Materials according to other standards														
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.														
01	Copper and Copper Alloys	EN 1982	C	Casting			-	-	1	1,5		a, C: condition acc. to standard		
02	Austenitic stainless steels CF3, CF8, CF3M, CF8M, CF3MN, CK-3MCuN	ASTM A351	AT	Casting					1	1,5		a		
03	Duplex steel 1B/CD4MWCuN, 4A/CD3MN, 6A/CD3MWCuN	ASTM A 995	AT	Casting					1	1,5		a		
04	Manganese-Copper Alloys	Customer Spec. CU4*	C	Casting					1	1,5		a, C, *Lloyd's Register of Shipping, ABS, DNVGL		

Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
----------------	---	---	--