

Scope:		☒ Directive 2014/68/EU Annex I point 4.3				☐ EN 764-4				☒ AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		1	
Company Name:		Arshya Engineers and Fabrications Pvt Ltd		Piyala – Dundsa Road, Village,- Dundsa				India		of :		5	
Location:		Piyala – Dundsa Road, Village,- Dundsa		Disst – Palwal, Pin – 121105 (Haryana)						Date:		24.11.2025	
										Rev.:		2	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max	Technical Specifications		Remarks	
					Thick-ness mm		Ø mm		1=t / 2=kg	Requirements 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.													
1	P355N, P355NH, P355NL1	EN 10253-2	N	Elbow, Tee	1.65	25.4	13.7	1321			EN 10253-2	A PMA for the Forged Bars above 250 mm is necessary	
2	X10CrMoVNb9-1, X11CrMo5	EN 10253-2	NT	Reducer,Caps Stub Ends	1.65	25.4	13.7	610			EN 10253-2		



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

Scope:		☒ Directive 2014/68/EU Annex I point 4.3				☐ EN 764-4				☒ AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		2	
Company Name:		Arshya Engineers and Fabrications Pvt Ltd		Piyala – Dundsa Road, Village,- Dundsa				India		of :		5	
Location:		Piyala – Dundsa Road, Village,- Dundsa		Disst – Palwal, Pin – 121105 (Haryana)						Date:		24.11.2025	
		Disst – Palwal, Pin – 121105 (Haryana)								Rev.:		2	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications		Remarks
					Thick-ness mm		Ø mm		1=t / 2=kg		Requirements 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.

5	1.4301, 1.4401, 1.4541, 1.4571 1.4404, 1.4307, 1.4404, 1.4306	EN 10253-4	AT	Pipe Fittings	1.65	25.4	13.7	1321			AD 2000 HP 8/3	A PMA for the Forged Bars above 250 mm is necessary
6	1.4301, 1.4401, 1.4541, 1.4571 1.4404, 1.4307, 1.4404, 1.4306	EN 10222-5	AT	Flanges Forged Bars	6.0	60	21.3 150	610 550			AD 2000W9, W10 AD 2000W2, W13	
7	P235TR2, P265TR2, P265GH L290NB, L360NB, L415NB, 16Mo3 P215NL, P265NL, 12Ni14, X10Ni9 P235GH	EN 10253-2	N	Elbow, Tee Reducer, Caps Stub Ends	1.65	25.4	13.7	1321			AD 2000 HP8/3	
8	L360QB, L415QB, L450QB	EN 10253-2	QT		1.65	25.4	13.7	610				
9	10CrMo5-5, 13CrMo4-5, 10CrMo9-10, X11CrMo9-1	EN 10253-2	NT									

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

Scope:		☒ Directive 2014/68/EU Annex I point 4.3				☐ EN 764-4				☒ AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		3	
Company Name:		Arshya Engineers and Fabrications Pvt Ltd		Piyala – Dundsa Road, Village,- Dundsa				India		of :		5	
Location:		Piyala – Dundsa Road, Village,- Dundsa		Disst – Palwal, Pin – 121105 (Haryana)						Date:		24.11.2025	
		Disst – Palwal, Pin – 121105 (Haryana)								Rev.:		2	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications		Remarks
					Thick-ness mm		Ø mm		1=t / 2=kg		Requirements Technical Regulations		
					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.

10	WPB,WPC	ASTM A 234/ ASME SA 234	N	Elbow, Tee Reducer,Caps Stub Ends	1.65	25.4	13.7	1321			ASME B 16.9	PMA for the use in pressure equipment in Directive 2014/68/EU necessary
11	WP1,WP5,WP11,WP22,WP9 WP91	ASTM A 234/ ASME SA 234	NT		1.65	25.4	13.7	610				
12	WPL3, WPL6	ASTM A 420/ ASME SA 420	NT									
13	WP304,WP304H/L,WP316, WP316H/L,WP321,WP310S WP317L,WP904L,WP347H	ASTM A 403/ ASME SA 403	AT									
14	TP304,TP304L,TP316,TP316L TP321,TP347	ASTM A 312/ ASME SA 312	AT	Pipe Nipple	3.0	50	21.3	610				



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:		☒ Directive 2014/68/EU Annex I point 4.3				☐ EN 764-4				☒ AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		4	
Company Name:		Arshya Engineers and Fabrications Pvt Ltd		Piyala – Dundsa Road, Village,- Dundsa				India		of :		5	
Location:		Piyala – Dundsa Road, Village,- Dundsa		Disst – Palwal, Pin – 121105 (Haryana)						Date:		24.11.2025	
		Disst – Palwal, Pin – 121105 (Haryana)								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	

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.

15	A 105	ASTM A 105/ ASME SA 105	N	Flanges Forged Bars	6.0	60	21.3 150	1321 550			
16	LF2, LF3	ASTM A 350/ ASME SA 350	NT								
17	F304,F304H/L, F316,F316H/L, F316Ti,F321,F310,F 317L,F904L F321,F310,F347,F347H	ASTM A 182/ ASME SA 182	AT	Socket Weld Fittings	0.5	20	21.3	610			
18	F51, F53, F55, F60	ASTM A 182/ ASME SA 182	AT/QT								
19	F1,F5, F11, F22, F9, F91	ASTM A 182/ ASME SA 182	NT								

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

Scope:		☒ Directive 2014/68/EU Annex I point 4.3				☐ EN 764-4				☒ AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		5	
Company Name:		Arshya Engineers and Fabrications Pvt Ltd		Piyala – Dundsa Road, Village,- Dundsa				India		of :		5	
Location:		Piyala – Dundsa Road, Village,- Dundsa		Disst – Palwal, Pin – 121105 (Haryana)						Date:		24.11.2025	
										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	

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.

20	UNS NO2200, NO2201, NO4400 UNS NO6625, NO8800, NO8825 UNS NO10276, UNS NO6022	ASME B366	AT	Flanges Forged Bars Elbow, Tee Reducer,Caps Stub Ends Socket Weld Fittings	6.0	60	21.3	1321			PMA for the use in pressure equipment in Directive 2014/68/EU necessary 
21	UNS NO2200, NO2201, NO4400 UNS NO6625, NO8800, NO8825 UNS NO10276	ASME B564	AT		0.5	20	21.3	610			
22	P1,P5,P11,P22,P9,P91	ASTM A 335/ ASME SA 335	NT								
23	Br B, Gr C	ASTM A 106 / ASME SA 106	N	Pipe Nipples	3.0	50	21.3	610			
24	Gr 6	ASTM A 333 / ASME SA 333	N								

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