

Certificate

Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 E/Q-02 6904A.00

Name and address of the
certificate holder: **Sidenor Aceros Especiales, S.L.U.**
Bº Ugarte, s/n
48970 Basauri BIZKAIA
Spain

Herewith we certify that the material manufacturer has
established and applies a Quality Management System.
The system was audited according to the European Directive
2014/68/EU, Annex I, point 4.3, with regard to the materials as
listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, Clause 4.2 and
AD 2000-Merkblatt W0**

Audit report no.: 01 202 E/Q-02 6904A

Scope: **MANUFACTURER OF STEEL ROLLED (BARS) AND FORGED
BARS IN MATERIAL: CARBON, STEEL, ALLOY STEEL, AND
STAINLESS STEEL, see annex to certificate: 01 202 E/Q-02 6904A,
revision 10 from 29.03.23**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2026-05-31.**

Cologne, 2023-04-30


Dipl.-Ing. (FH) Vera Ruff



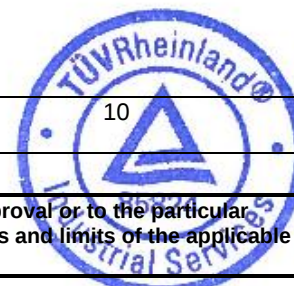
TÜV Rheinland Industrie Service GmbH
Notified Body for Pressure Equipment, ID-No. 0035
Am Grauen Stein, D-51105 Cologne

E-108a

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+)					
Manufacturer		Work		Nationality	Date				
Company Name: SIDENOR ACEROS ESPECIALES, S.L.U		PLANT BASAURI		E	29.03.23				
Location: E 48970 BASAURI				Rev.:10	Page No.: 1 of 5				
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions		Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations	Remarks
					Thick-ness mm	Ø mm			
					from	Up to	fr o m Up to		
1	2	3	4	5	6a	6b	7 a 7 b	8a	8b
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	X 6CrNiMoTi 17-12-2 1.4571 X 2CrNiMo 17-12-2 1.4404 X 5CrNi 18-10 1.4301 X 6CrNiTi 18-10 1.4541 X5CrNiMo 17-12-2 1.4401 X2CrNi18-9 1.4307	DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272	+AT +AT +AT +AT +AT +AT	BARS BARS BARS BARS BARS BARS	25 25 25 25 25 25	100 100 100 100 100 100			
2	25 CrMo4 1.7218 34 CrNiMo 6 1.6582 40CrMoV4.6 1.7711 21 CrMoV 5.7 1.7709 42 CrMo 4 1.7225	DIN EN 10269 DIN EN 10269 DIN EN 10269 DIN EN 10269 DIN EN 10269	+S,+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS	25 25 25 25 25	100 100 100 100 65			b
3	P 250 GH 1.0460 16 Mo 3 1.5415 13 CrMo 45 1.7335 10 CrMo 9-10 1.7380	DIN EN 10273 DIN EN 10273 DIN EN 10273 DIN EN 10273	+N +QT +QT +QT	BARS BARS BARS BARS	25 25 25 25	100 100 100 100			
Remarks	+AT = solution annealed +NT = normalized and tempered a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary +AR = as rolled +QT = quenched and tempered b = If the size of the product is outside the approved scope acc. to the standard, a PMA is requested +M = thermo mechanical treated +S = soft annealed +N = normalized or normalizing formed +SR = stress relieved								

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Manufacturer				Work		Nationality		Date		Page No..		
Company Name: SIDENOR ACEROS ESPECIALES, S.L.U				PLANT BASAURI		E		29.03.23		2		
Location: E 48970 BASAURI								Rev.:10		of : 5		
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					Thick-ness mm		Ø mm					
					from	Up to	fr o m	Up to				
1	2	3	4	5	6a	6b	7 a	7b	8a	8b	9	
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.												
4	S 235J2	1.0117	DIN EN 10025 - 2	+N	BARS	25	100				AD 2000 W13	a
	S-235 JR	1.0038	DIN EN 10025 - 2	+N	BARS	25	100				AD 2000 W13	a
	S 275 JR	1.0044	DIN EN 10025 - 2	+N	BARS	25	100				AD 2000 W13	a
	S 275J2	1.0145	DIN EN 10025 - 2	+N	BARS	25	100				AD 2000 W13	a
	S 355 J2	1.0577	DIN EN 10025 - 2	+N	BARS	25	100				AD 2000 W13	a
5	P 250 GH	1.0460	DIN EN 10273	+N	BARS	25	100				AD 2000 W13	a
	P 355 NH	1.0565	DIN EN 10273	+N	BARS	25	100				AD 2000 W13	a
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 b = If the size of the product is outside the approved scope acc. to the standard, a PMA is requested										

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Manufacturer				Work		Nationality		Date		Page No..		
Company Name: SIDENOR ACEROS ESPECIALES, S.L.U.				PLANT BASAURI		E		29.03.23		3		
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					Thick-ness mm		Ø mm					
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1	2	3	4	5	6a	6b	7 a	7b	8a	8b	9	10



2. Materials according to the AD 2000-Code

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6	25 CrMo4	1.7218	DIN EN 10269	+QT	BARS	25	100					AD 2000 W 7	a	and EN 10204 3-2 certificate
	21 CrMoV 5.7	1.7709	DIN EN 10269	+QT	BARS	25	100					AD 2000 W 7	a	and EN 10204 3-2 certificate
	40CrMoV4.6	1.7711	DIN EN 10269	+QT	BARS	25	100					AD 2000 W 7	a	and EN 10204 3-2 certificate
	42 CrMo 4	1.7225	DIN EN 10269	+QT	BARS	25	60					AD 2000 W 7	a ,b	and EN 10204 3-2 certificate
7	X 6CrNiTi 18-10	1.4541	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	
	X 6CrNiMoTi 17-12-2	1.4571	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	
	X 5CrNi 18-10	1.4301	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	
	X5CrNiMo 17-12-2	1.4401	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	
	X2CrNi18-9	1.4307	DIN EN 10272	+AT	BARS	25	100					AD 2000 W 2	a	

Remarks

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8	34 CrNiMo 6 1.6582	EN ISO 683 -2	+QT	BARS	25	100							a															
	25 CrMo4 1.7218	EN ISO 683 -2	+QT	BARS	25	100							a															
	30CrNiMo8 1.6580	EN ISO 683-2	+QT	BARS	25	100							a															
	41 Cr4 1.7035	EN ISO 683-2	+QT	BARS	25	100							a															
	42CrMoS4 1.7227	EN ISO 683-2	+QT	BARS	25	100							a															
	42 CrMo 4 1.7225	EN ISO 683 -2	+QT	BARS	25	100							a															
9	B7	ASTM A 193	+QT	BARS	25	100							a															
	L7	ASTM A 320	+QT	BARS	25	65							a ,b															
	B16	ASTM A 193	+QT	BARS	25	100							a															
10	75 K + [AISI 4130]	API6A / ISO 10423 [ASTM A 29]	+QT	BARS	25	100							a															
11	S 235J2 1.0117	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
	S-235 JR 1.0038	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
	S 275 JR 1.0044	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
	S 275J2 1.0145	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
	S 355 JR 1.0045	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
	S 355 J2 1.0577	DIN EN 10025 - 2	+N-AR	BARS	25	100							a															
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12	X 8CrNiS 18-9 X 20 Cr 13 X 20 Cr 13 X 6CrNiMoTi 17-12-2 X 2CrNiMo 17-12-2 X 5CrNi 18-10 X 6CrNiTi 18-10 X5CrNiMo 17-12-2	1.4305 1.4021 1.4021 1.4571 1.4404 1.4301 1.4541 1.4401	DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3 DIN EN 10088 - 3	+AT +AT +QT +AT +AT +AT +AT +AT	BARS BARS BARS BARS BARS BARS BARS BARS	25 25 25 25 25 25 25 25	100 100 100 100 100 100 100 100					a a a a a a a a
13	304, 304L 316, 316L 316Ti 309 H 303	S30400S30403 S31600 S31603, S31635 S 30909 S 30300	ASTM 479 ASTM 479 ASTM 479 ASTM 479 ASTM 479 ASTM 479	+AT +AT +AT +AT +AT +AT	BARS BARS BARS BARS BARS BARS	25 25 25 25 25 25	76,2 76,2 76,2 76,2 76,2 76,2					a ,b a a a ,b a , b a ,b
14	F5 F9 F11 F22 F91	182 K42544 182 K90941 182 K 11597 182 K21590 182 K90901	ASTM A182/ ASME SA182 ASTM A182/ ASME SA182 ASTM A182/ ASME SA182 ASTM A182/ ASME SA182 ASTM A182/ ASME SA182	+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS	25 25 25 25 25	100 100 100 100 100					a a a a a
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