

Certificate

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

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

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 11 from 09.05.2024**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2026-06-31.**


Cologne, 2024-05-22

Ines Krüger-Führ



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

E-108a

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input checked="" type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)							
Manufacturer				Work		Nationality	Date	Page No..	TÜV Rheinland Industrie Service GmbH		
Company Name: SIDENOR ACEROS ESPECIALES, S.L.U				PLANT BASAURI		E	09.05.24	1			
Location: E 48970 BASAURI							Rev.:11	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	∅ mm	from	Up to			
1	2	3	4	5	6a	6b	7 a	7b	8a	8b	9
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 X 2CrNiMo 17-12-2 X 5CrNi 18-10 X 6CrNiTi 18-10 X5CrNiMo 17-12-2 X2CrNi18-9	1.4571 1.4404 1.4301 1.4541 1.4401 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	20 20 20 20 20 20	120 120 120 120 120 120				
2	25 CrMo4 34 CrNiMo 6 40CrMoV4.6 21 CrMoV 5.7 42 CrMo 4	1.7218 1.6582 1.7711 1.7709 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	20 20 20 20 20	120 120 120 120 65				b
3	P 250 GH 16 Mo 3 13 CrMo 45 10 CrMo 9-10	1.0460 1.5415 1.7335 1.7380	DIN EN 10273 DIN EN 10273 DIN EN 10273 DIN EN 10273	+N +QT +QT +QT	BARS BARS BARS BARS	20 20 20 20	120 120 120 120				
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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Company Name: SIDENOR ACEROS ESPECIALES, S.L.U		PLANT BASAURI		E	09.05.24	2						
Location: E 48970 BASAURI					Rev.:11	of : 5						
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 ↓ res ult	8a		
1	2	3	4	5	6a	6b	7 a	7b			8a	8b
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 S-235 JR S 275 JR S 275J2 S 355 J2	1.0117 1.0038 1.0044 1.0145 1.0577	DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2	+N +N +N +N +N	BARS BARS BARS BARS BARS	20 20 20 20 20	120 120 120 120 120				AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13	a a a a a
5	P 250 GH P 355 NH	1.0460 1.0565	DIN EN 10273 DIN EN 10273	+N +N	BARS BARS	20 20	120 120				AD 2000 W13 AD 2000 W13	a 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	09.05.24	3	TÜV Rheinland Industrie Service GmbH						
Location: E 48970 BASAURI				Rev.:11	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	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.

6	25 CrMo4 21 CrMoV 5.7 40CrMoV4.6 42 CrMo 4	1.7218 1.7709 1.7711 1.7225	DIN EN 10269 DIN EN 10269 DIN EN 10269 DIN EN 10269	+QT +QT +QT +QT	BARS BARS BARS BARS	20 20 20 25	120 120 120 65				AD 2000 W 7 AD 2000 W 7 AD 2000 W 7 AD 2000 W 7	a and EN 10204 3-2 certificate <400°C a and EN 10204 3-2 certificate a and EN 10204 3-2 certificate a,b and EN 10204 3-2 certificate <500°C
7	X 6CrNiTi 18-10 X 6CrNiMoTi 17-12-2 X 2CrNiMo 17-12-2 X 5CrNi 18-10 X5CrNiMo 17-12-2 X2CrNi18-9	1.4541 1.4571 1.4404 1.4301 1.4401 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	20 20 20 20 20 20	120 120 120 120 120 120				AD 2000 W 2 AD 2000 W 2 AD 2000 W 2 AD 2000 W 2 AD 2000 W 2 AD 2000 W 2	a a a a a a

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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1	2	3	4	5	6a	6b	7	7b	8a	8b	9
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)											
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8	34 CrNiMo 6 1.6582 25 CrMo4 1.7218 30CrNiMo8 1.6580 41 Cr4 1.7035 42CrMoS4 1.7227 42 CrMo 4 1.7225	EN ISO 683 -2 EN ISO 683 -2 EN ISO 683-2 EN ISO 683-2 EN ISO 683-2 EN ISO 683 -2	+QT +QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS BARS	20 20 20 20 20 20	120 120 120 120 120 120					a a a a a a
9	B7 L7 B16	ASTM A 193 ASTM A 320 ASTM A 193	+QT +QT +QT	BARS BARS BARS	20 25 20	120 65 120					a a ,b a
10	75 K + [AISI 4130]	API6A / ISO 10423 [ASTM A 29]	+QT	BARS	20	120					a
11	S 235J2 1.0117 S-235 JR 1.0038 S 275 JR 1.0044 S 275J2 1.0145 S 355 JR 1.0045 S 355 J2 1.0577	DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2 DIN EN 10025 - 2	+N-AR +N-AR +N-AR +N-AR +N-AR +N-AR	BARS BARS BARS BARS BARS BARS	20 20 20 20 20 20	120 120 120 120 120 120					a a a a a 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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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	20 20 20 20 20 20 20 20	120 120 120 120 120 120 120 120					a a a a a a a a
13	304, 304L 316, 316L 316Ti 309 H 321	S30400S30403 S31600, S31603 S31635 S 30909 S 30700	ASTM 479 ASTM 479 ASTM 479 ASTM 479 ASTM 479	+AT +AT +AT +AT +AT	BARS BARS BARS BARS BARS	20 20 20 20 20	120 120 120 120 120					a ,b 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 SA 182 ASTM A182/ ASME SA 182 ASTM A182/ ASME SA 182 ASTM A182/ ASME SA 182 ASTM A182/ ASME SA 182	+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS	20 20 20 20 20	120 120 120 120 120					a a a a a
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