

Certificado

Sistema de gestión de la calidad para fabricante de Materiales según la Directiva 2014/68/EU

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

Nombre y dirección
del titular del certificado: **Sidenor Aceros Especiales, S.L.U.**
Bº Ugarte, s/n
48970 Basauri BIZKAIA
España

Por la presente se certifica que el fabricante de materiales ha introducido un sistema de calidad. El sistema de calidad ha sido auditado según la Directiva Europea 2014/68/EU, Anexo I, punto 4.3 para equipos a presión de acuerdo a los materiales listados en el ámbito de aprobación.

Base de ensayos: **Sistema de calidad según EN 764-5, sección 4.2 y AD 2000-Merkblatt W0**

No. del informe del auditor: 01 202 E/Q-02 6904A

Ámbito de aplicación: **FABRICANTE DE BARRAS DE ACERO; EN MATERIAL: ACERO AL CARBONO, ALEADO E INOXIDABLE DESDE, ver anexo del certificado: 01 202 E/Q-02 6904A, Revisión 12 del 10.03.2026**

Planta de producción: ver empresa Certificada

Validez: **Este certificado es válido desde 2026-06-01 hasta 2029-05-31.**

Colonia, 2026-05-29

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:		☒ 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:		SIDENOR ACEROS ESPECIALES, S.L.U			PLANT BASAURI				E		of :		4	
Location:		E 48970 BASAURI									Date:		10.03.2026	
											Rev.:		12	
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		

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	DIN EN 10272	+AT	BARS			20	120				
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10272	+AT	BARS			20	120				
	X 5CrNi 18-10	1.4301	DIN EN 10272	+AT	BARS			20	120				
	X 6CrNiTi 18-10	1.4541	DIN EN 10272	+AT	BARS			20	120				
	X5CrNiMo 17-12-2	1.4401	DIN EN 10272	+AT	BARS			20	120				
	X2CrNi18-9	1.4307	DIN EN 10272	+AT	BARS			20	120				
2	25 CrMo4	1.7218	DIN EN 10269	+S,+QT	BARS			20	120				
	34 CrNiMo 6	1.6582	DIN EN 10269	+QT	BARS			20	120				
	40CrMoV4.6	1.7711	DIN EN 10269	+QT	BARS			20	120				
	21 CrMoV 5.7	1.7709	DIN EN 10269	+QT	BARS			20	120				
	42 CrMo 4	1.7225	DIN EN 10269	+QT	BARS			20	65				b
	C35E	1.1181	DIN EN 10269	+QT	BARS			20	120				
3	P 250 GH	1.0460	DIN EN 10273	+N	BARS			20	120				
	16 Mo 3	1.5415	DIN EN 10273	+QT	BARS			20	120				
	13 CrMo 45	1.7335	DIN EN 10273	+QT	BARS			20	120				
	10 CrMo 9-10	1.7380	DIN EN 10273	+QT	BARS			20	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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					from	Up to	from	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	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	+AR+N	BARS			20	120			AD 2000 W13	a
	S-235 JR	1.0038	DIN EN 10025 - 2	+AR+N	BARS			20	120			AD 2000 W13	a
	S 275 JR	1.0044	DIN EN 10025 - 2	+AR+N	BARS			20	120			AD 2000 W13	a
	S 275J2	1.0145	DIN EN 10025 - 2	+AR+N	BARS			20	120			AD 2000 W13	a
	S 355 J2	1.0577	DIN EN 10025 - 2	+AR+N	BARS			20	120			AD 2000 W13	a
5	P 250 GH	1.0460	DIN EN 10273	+N	BARS			20	120			AD 2000 W13	a
	P 355 NH	1.0565	DIN EN 10273	+N	BARS			20	120			AD 2000 W13	a
6	25 CrMo4	1.7218	DIN EN 10269	+QT	BARS			20	120			AD 2000 W 7	a and EN 10204 3-2 certificate <400°C
	21 CrMoV 5.7	1.7709	DIN EN 10269	+QT	BARS			20	120			AD 2000 W 7	a and EN 10204 3-2 certificate
	40CrMoV4.6	1.7711	DIN EN 10269	+QT	BARS			20	120			AD 2000 W 7	a and EN 10204 3-2 certificate
	42 CrMo 4	1.7225	DIN EN 10269	+QT	BARS			25	65			AD 2000 W 7	a ,b and EN 10204 3-2 certificate <500°C
	C35E	1.1181	DIN EN 10269	+QT	BARS			20	120			AD 2000 W7	a
7	X 6CrNiTi 18-10	1.4541	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a
	X 6CrNiMoTi 17-12-2	1.4571	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a
	X 5CrNi 18-10	1.4301	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a
	X5CrNiMo 17-12-2	1.4401	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a
	X2CrNi18-9	1.4307	DIN EN 10272	+AT	BARS			20	120			AD 2000 W 2	a

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3. Materials according to other standards

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8	34 CrNiMo 6	1.6582	EN ISO 683 -2	+QT	BARS			20	120				a
	25 CrMo4	1.7218	EN ISO 683 -2	+QT	BARS			20	120				a
	30CrNiMo8	1.6580	EN ISO 683-2	+QT	BARS			20	120				a
	41 Cr4	1.7035	EN ISO 683-2	+QT	BARS			20	120				a
	42CrMoS4	1.7227	EN ISO 683-2	+QT	BARS			20	120				a
	42 CrMo 4	1.7225	EN ISO 683 -2	+QT	BARS			20	120				a
9	B7		ASTM A 193	+QT	BARS			20	120				a
	L7		ASTM A 320	+QT	BARS			25	65				a ,b
	B16		ASTM A 193	+QT	BARS			20	120				a
10	75 K + [AISI 4130]	API6A / ISO 10423 [ASTM A 29]		+QT	BARS			20	120				a
11	S 235J2	1.0117	DIN EN 10025 - 2	+N-AR	BARS			20	120				a
	S-235 JR	1.0038	DIN EN 10025 - 2	+N-AR	BARS			20	120				a
	S 275 JR	1.0044	DIN EN 10025 - 2	+N-AR	BARS			20	120				a
	S 275J2	1.0145	DIN EN 10025 - 2	+N-AR	BARS			20	120				a
	S 355 JR	1.0045	DIN EN 10025 - 2	+N-AR	BARS			20	120				a
	S 355 J2	1.0577	DIN EN 10025 - 2	+N-AR	BARS			20	120				A

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12	X 8CrNiS 18-9	1.4305	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X 20 Cr 13	1.4021	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X 20 Cr 13	1.4021	DIN EN 10088 - 3	+QT	BARS			20	120				a
	X 6CrNiMoTi 17-12-2	1.4571	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X 5CrNi 18-10	1.4301	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X 6CrNiTi 18-10	1.4541	DIN EN 10088 - 3	+AT	BARS			20	120				a
	X5CrNiMo 17-12-2	1.4401	DIN EN 10088 - 3	+AT	BARS			20	120				a
13	304, 304L	S30400S30403	ASTM 479	+AT	BARS			20	120				a ,b
	316, 316L	S31600, 31603	ASTM 479	+AT	BARS			20	120				a
	316Ti	S31635	ASTM 479	+AT	BARS			20	120				a ,b
	309 H	S 30909	ASTM 479	+AT	BARS			20	120				a , b
	321	S 30700	ASTM 479	+AT	BARS			20	120				a ,b
14	F5	182 K42544	ASTM A182/ ASME SA182	+QT	BARS			20	120				a
	F9	182 K90941	ASTM A182/ ASME SA182	+QT	BARS			20	120				a
	F11	182 K 11597	ASTM A182/ ASME SA182	+QT	BARS			20	120				a
	F22	182 K21590	ASTM A182/ ASME SA182	+QT	BARS			20	120				a
	F91	182 K90901	ASTM A182/ ASME SA182	+QT	BARS			20	120				a

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