

Certificado

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

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

Nombre y dirección
del titular del certificado:

SIDENOR ACEROS ESPECIALES S.L.
Planta de Reinosa
Paseo de Alejandro Calonge, s/n
39200 Reinosa (Cantabria)
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 6904B

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 6904B, Revisión 11
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	TÜV Rheinland Industrie Service GmbH
Company Name:		SIDENOR ACEROS ESPECIALES, S.L.U.				REINOSA PLANT				e		of :	5	
Location:		E 39200 REINOSA (CANTABRIA)										Date:	10.03.2026	
												Rev.:	11	
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			
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 X 5CrNiMo 17-12-2 1.4401 X 2CrNi18-9 1.4307 X 8CrNiS 18-9 1.4305	DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272 DIN EN 10272	+AT +AT +AT +AT +AT +AT +AT	BARS BARS BARS BARS BARS BARS BARS			100 100 100 100 100 100 100	230 230 230 230 230 230 230						
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			100 100 100 100 100	150 120 160 160 65				b b b b 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 10269 DIN EN 10269 DIN EN 10269	+N +QT +QT +QT	BARS BARS BARS BARS			100 100 100 100	150 150 150 150				b b b b		

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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					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		

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			100	230			AD 2000 W13	a
	S-235 JR	1.0038	DIN EN 10025 - 2	+AR+N	BARS			100	230			AD 2000 W13	a
	S 275 JR	1.0044	DIN EN 10025 - 2	+AR+N	BARS			100	230			AD 2000 W13	a
	S 275J2	1.0145	DIN EN 10025 - 2	+AR+N	BARS			100	230			AD 2000 W13	a
	S 355 J2	1.0577	DIN EN 10025 - 2	+AR+N	BARS			100	230			AD 2000 W13	a
5	P 250 GH	1.0460	DIN EN 10273	+N	BARS			100	150			AD 2000 W13	a ,b
	P 355 NH	1.0565	DIN EN 10273	+N	BARS			100	150			AD 2000 W13	a ,b
6	25 CrMo4	1.7218	DIN EN 10269	+QT	BARS			100	150			AD 2000 W 7	a,b EN 10204 3-2 certificate
	34 CrNiMo 6	1.6582	DIN EN 10269	+QT	BARS			100	120			AD 2000 W 7	a,b EN 10204 3-2 certificate
	40CrMoV4.6	1.7711	DIN EN 10269	+QT	BARS			100	160			AD 2000 W 7	a,b EN 10204 3-2 certificate
	21 CrMoV 5.7	1.7709	DIN EN 10269	+QT	BARS			100	160			AD 2000 W 7	a,b EN 10204 3-2 certificate
	42 CrMo 4	1.7225	DIN EN 10269	+QT	BARS			100	65			AD 2000 W 7	a,b EN 10204 3-2 certificate

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	+M = thermo mechanical treated	+S = soft annealed	
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Scope:		☒ Directive 2014/68/EU Annex I point 4.3				☒ EN 764-4				☒ AD 2000-Merkblatt W 0			
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					from Up to from Up to				↓ res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	

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7	X 6CrNiMoTi 17-12-2	1.4571	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a
	X 5CrNi 18-10	1.4301	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a
	X 6CrNiTi 18-10	1.4541	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a
	X5CrNiMo 17-12-2	1.4401	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a
	X2CrNi18-9	1.4307	DIN EN 10272	+AT	BARS			100	230			AD 2000 W 2	a

3. Materials according to other standards

3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)

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						from	Up to	from	Up to	↓	res ult				
1	2		3	4	5	6a	6b	7a	7b	8a	8b	9		10	
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8	B7 L7 B16		ASTM A 193 ASTM A 320 ASTM A 193	+QT +QT +QT	BARS BARS BARS			100 100 100	177,8 65 200					a,b a,b a,b	
9	75 K + [AISI 4130]		API6A / ISO 10423 [ASTM A 29]	+QT	BARS			100	230					a	
10	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			100 100 100 100 100 100	230 230 230 230 230 230					a a a a a a	
11	F5 K42544 F9 K90941 F11 K 11597 F22 K21590 F91 K90901		ASTM A 182/ ASME SA 182 ASTM A 182/ ASME SA 182 ASTM A 182/ ASME SA 182 ASTM A 182/ ASME SA 182 ASTM A 182/ ASME SA 182	+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS			100 100 100 100 100	230 230 230 230 230					a a a a a	
12	LF2		ASTM A350/ASME SA 350	+N	BARS			100	230					a	
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