

# Certificado

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

Certificado no.: 01 202 E/Q-02 6904C.00

Nombre y dirección  
del titular del certificado: **SIDENOR ACEROS ESPECIALES S.L.**  
**Planta de Azkoitia**  
**Ctra. Zumárraga, s/n**  
**20720 Azkoitia (Gipuzkoa)**  
**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 6904C

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 6904C, Revisión 10 del 29.03.23**

Planta de producción: ver empresa Certificada

Validez: **Este certificado es válido hasta 2026-05-31.**

Colonia, 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	<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..					
Company Name: <b>SIDENOR ACEROS ESPECIALES, S.L.U.</b>			<b>PLANTA AZKOITIA</b>		<b>E</b>	29.03.23	1	TÜV Rheinland Industrie Service GmbH				
Location: : E 20720 AZKOITIA (GUPUZKOA)						Rev.:10	of : 4					
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	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
<b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>												
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	1.4571 1.4404 1.4301	DIN EN 10272 DIN EN 10272 DIN EN 10272	+AT +AT +AT	BARS BARS BARS	19 19 19	200 200 200				EN 10272 EN 10272 EN 10272	
2	P 250 GH 16 Mo 3 13 CrMo 44 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	19 19 19 19	150 150 150 150				EN 10273 EN 10273 EN 10273 EN 10273	b b b b
3	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	19 19 19 19 19	150 100 160 160 65				EN 10269 EN 10269 EN 10269 EN 10269 EN 10269	b b b b b
<b>Remarks</b>	+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				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
<b>2. Materials according to the AD 2000-Code</b>												
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	19 19 19 19 19	200 200 200 200 200				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	19 19	150 150				AD 2000 W13 AD 2000 W13	b b
6	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	+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS	19 19 19 19 19	150 100 160 160 65				AD 2000 W 7 AD 2000 W 7 AD 2000 W 7 AD 2000 W 7 AD 2000 W 7	a,b and EN 10204 3-2 certificate a,b and EN 10204 3-2 certificate a,b and EN 10204 3-2 certificate a,b and EN 10204 3-2 certificate a,b and EN 10204 3-2 certificate
<b>Remarks</b>		+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	fro m	Up to			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9
<b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>											
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7	X 20 Cr 13 1.4021	DIN EN 10088 -3	+QT	BARS	19	200					a
9	B7	ASTM A 193	+QT	BARS	19	177,8					a,b
	L7	ASTM A 320	+QT	BARS	19	65					a,b
	B16	ASTM A 193	+QT	BARS	19	200					b
10	75 K + [AISI 4130]	API6A / ISO 10423 [ASTM A 29]	+QT	BARS	19	200					a
11	S 235J2 1.0117	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
	S-235 JR 1.0038	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
	S 275 JR 1.0044	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
	S 275J2 1.0145	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
	S 355 JR 1.0045	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
	S 355 J2 1.0577	DIN EN 10025 - 2	+N,+AR	BARS	19	200					a
12	34 CrNiMo 6 1.6582	EN ISO 683.2	+QT	BARS	19	200					a
	25 CrMo4 1.7218	EN ISO 683.2	+QT	BARS	19	160					a ,b
	30CrNiMo8 1.6580	EN ISO 683.2	+QT	BARS	19	200					a
	42 CrMo 4 1.7225	EN ISO 683.2	+QT	BARS	19	200					a
	42CrMoS4 1.7227	EN ISO 683.2	+QT	BARS	19	200					a
	41 Cr4 1.7035	EN ISO 683-2	+QT	BARS	19	100					A, b
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13	F5	K42544	ASTM A 182/ ASME SA 182	+QT	BARS	19	200						a
	F9	K90941	ASTM A 182/ ASME SA 182	+QT	BARS	19	200						a
	F11	K 11597	ASTM A 182/ ASME SA 182	+QT	BARS	19	200						a
	F22	K21590	ASTM A 182/ ASME SA 182	+QT	BARS	19	200						a
	F91	K90901	ASTM A 182/ ASME SA 182	+QT	BARS	19	200						a

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