

Certificado

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

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

Nombre y dirección
del titular del certificado: **SIDENOR ACEROS ESPECIALES S.L.**
Planta de Vitoria
Portal de Gamarra, 22
01013 Vitoria (Alava)
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 6904D

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 6904D, 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: SIDENOR ACEROS ESPECIALES, S.L.U.			PLANTA VITORIA		E	29.03.23	1	TÜV Rheinland Industrie Service GmbH				
Location: E 01013 VITORIA (ARABA)						Rev.:10	of : 3					
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 6a	Up to 6b				from 7a
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.												
	P 250 GH	EN 10273 - 1.0460	+N	BARS	--	26					EN 10273	
	X 6CrNiMoTi 17-12-2	EN 10272 1.4571	+AT	BARS	--	26					EN 10272	
	X 8CrNiS 18-9	EN 10272 1.4305	+AT	BARS	--	26					EN 10272	
	X 2CrNiMo 17-12-2	EN 10272 .3 1.4404	+AT	BARS	--	26					EN 10272	
	X 5CrNi 18-10	EN 10272 1.4301	+AT	BARS	--	26					EN 10272	
	1.7218	EN 10269	+S	BARS	--	26					EN 10269	
	16 Mo 3	EN 17243 1.5415	+QT	BARS	--	26					EN 17243	
	13 CrMo 44	EN 17243 1.7335	+QT	BARS	--	26					EN 17243	
	10 CrMo 9-10	EN 17243 1.7380	+QT	BARS	--	26					EN 17243	
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											

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: SIDENOR ACEROS ESPECIALES, S.L.U.				PLANTA VITORIA		E	29.03.23	2	TÜV Rheinland Industrie Service GmbH			
Location: E 01013 VITORIA (ARABA)							Rev.:10	of : 3				
Cur	Materials-term Materials-No.	Material Specification	Delivery Con d.	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 6a	Up to 6b				from 7a
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.												
1	S 235J2 S-235 JR S 275 JR S 275J2 S 355 J2 P 250 GH P 355 NH	EN 10025.2-1.0117 EN 10025.2 - 1.0038 EN 10025.2 - 1.0044 EN 10025.2 - 1.0145 EN 10.025.2 – 1.0577 EN 10273 - 1.0460 EN 10273 1.0565	+N +N +N +N +N +N +N	BARS BARS BARS BARS BARS BARS BARS	-- -- -- -- -- -- --	26 26 26 26 26 26 26					AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13 AD 2000 W13	a a a a a a a
2	21 CrMoV 5.7 25 CrMo4 42 CrMo 4	EN 10269 1.7709 EN 10269.1 1.7218 EN 10269.1 1.7225	+QT +QT +QT	BARS BARS BARS	-- -- --	26 26 26					AD 2000 W 7 AD 2000 W 7 AD 2000 W 7	
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				

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: SIDENOR ACEROS ESPECIALES, S.L.U.			PLANTA VITORIA		E	29.03.23	3	TÜV Rheinland Industrie Service GmbH			
Location: E 01013 VITORIA (ARABA)						Rev.:10	of :3				
Cur	Materials-term Materials-No.	Material Specification	Delivery y Cond.	Article Type of Product	Dimensions				Weight ht max 1=t/ 2=kg ↓ r	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	8	8	9
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)											
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.											
	X 20 Cr 13 1.7258	DIN17440 1.4021 DIN 17240	+QT +QT	BARS BARS	-- --	26 26				DIN17440 DIN 17240	3-2 Certificate 3-2 Certificate
	B7 L7 B16	ASTM A 193 ASTM A 320 ASTM A 193	+QT +QT +QT	BARS BARS BARS	-- -- --	26 26 26				ASTM A 193 ASTM A 320 ASTM A 193	a a a
	75 K + [AISI 4130]	API6A / ISO 10423 [ASTM A 29]	+QT	BARS	--	26				API6A / ISO 10423 [ASTM A 29]	a
	S 235J2 S-235 JR S 275 JR S 275J2 S 355 JR S 355 J2	EN 10025.2-1.0117 EN 10025.2 - 1.0038 EN 10025.2 - 1.0044 EN 10025.2 - 1.0145 EN 10025.2 – 1.0045 EN 10.025.2 – 1.0577	N-AR N-AR N-AR N-AR N-AR N-AR	BARS BARS BARS BARS BARS BARS	-- -- -- -- -- --	26 26 26 26 26 26				EN 10025.2 EN 10025.2 EN 10025.2 EN 10025.2 EN 10025.2 EN 10.025.2	a a a a a a
	34 CrNiMo 6 25 CrMo4 42 CrMo 4 34 CrNiMo 6 40CrMoV4.6	EN 10083.3 1.6582 EN 10083.3 1.7218 EN 10083.3 1.7225 EN 10269 1.6582 EN 10269 1.7711	+QT +QT +QT +QT +QT	BARS BARS BARS BARS BARS	-- -- -- -- --	26 26 26 26 26				EN 10083.3 EN 10083.3 EN 10083.3 EN 10269 EN 10269	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										

