

Certificate

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

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

Name and address of the
certificate holder:

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

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 6904B.00, revision 11
from 10.03.2026**

Manufacturing plant:

see certificate holder

Validity:

The certificate is valid from 2026-06-01 until 2029-05-31.

Cologne, 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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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.:		2	
Company Name:		SIDENOR ACEROS ESPECIALES, S.L.U.			REINOSA PLANT				e		of :		5	
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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

Remarks	+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
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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				
Certificate holder (Manufacturer of materials)						Manufacturing plant				Nationality		Page No.:	3	TÜV Rheinland Industrie Service GmbH
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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														
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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												
Remarks <table> <tr> <td>+AT = solution annealed</td> <td>+NT = normalized and tempered</td> <td>a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary</td> </tr> <tr> <td>+AR = as rolled</td> <td>+QT = quenched and tempered</td> <td>b = If the size of the product is outside the approved scope acc. to the standard, a PMA is requested</td> </tr> <tr> <td>+M = thermo mechanical treated</td> <td>+S = soft annealed</td> <td></td> </tr> <tr> <td>+N = normalized or normalizing formed</td> <td>+SR = stress relieved</td> <td></td> </tr> </table>														+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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13	34 CrNiMo 6	1.6582	EN ISO 683.2	+QT	BARS			100	230							a
	25 CrMo4	1.7218	EN ISO 683.2	+QT	BARS			100	160							a,b
	30CrNiMo8	1.6580	EN ISO 683.2	+QT	BARS			100	230							a
	42 CrMo 4	1.7225	EN ISO 683.2	+QT	BARS			100	230							a
	42CrMoS4	1.7227	EN ISO 683.2	+QT	BARS			100	230							a
	41 Cr4	1.7035	EN ISO 683-2	+QT	BARS			100	100							a,b
14	304, 304L	S30400, S30403	ASTM 479	+AT	BARS			100	230							a
	316, 316L	S31600 S31603	ASTM 479	+AT	BARS			100	230							a
	316Ti	S31635	ASTM 479	+AT	BARS			100	230							a
	309 H	S 30909	ASTM 479	+AT	BARS			100	230							a
	303	S 30300	ASTM 479	+AT	BARS			100	230							a
15	X 8CrNiS 18-9	1.4305	DIN EN 10088 - 3	+AT	BARS			100	160							a,b
	X 20 Cr 13	1.4021	DIN EN 10088 - 3	+AT	BARS			100	230							a
	X 20 Cr 13	1.4021	DIN EN 10088 - 3	+QT	BARS			100	230							a
	X 6CrNiMoTi 17-12-2	1.4571	DIN EN 10088 - 3	+AT	BARS			100	230							a
	X 2CrNiMo 17-12-2	1.4404	DIN EN 10088 - 3	+AT	BARS			100	230							a
	X 5CrNi 18-10	1.4301	DIN EN 10088 - 3	+AT	BARS			100	230							a
	X 6CrNiTi 18-10	1.4541	DIN EN 10088 - 3	+AT	BARS			100	230							a
	X5CrNiMo 17-12-2	1.4401	DIN EN 10088 - 3	+AT	BARS			100	230							a
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