

Certificate

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

Certificate no.: 01 202 E/Q-16 1473

Name and address of the certificate holder: **SIDENOR ACEROS ESPECIALES S.L.**
Pol. Ind. Can Humet de Dalt
Pje Joan Miró, 3
08213 Polinya
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, Par. 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0**


Audit report no.: 01 202 E/Q-16 1473

Scope: **Production of round, square and hexagonal section steel drawn bars, and round turned and ground bars, see annex (Rev.: 2, 2022-04-06) to certificate**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2025-05-06.**


Cologne, 2022-05-11


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"/> Regulation (EU) No. 305/2011(System 2+)							
Manufacturer				Work				Nationality		Date		Page No..			
Company Name: SIDENOR ACEROS ESPECIALES S.L. Location: Pje Joan Miró, 3 08213 Polinyà, Spain				SIDENOR ACEROS ESPECIALES S.L. Pje Joan Miró, 3 08213 Polinyà, Spain				Spanish		06.04.2022		1		TÜV Rheinland Industrie Service GmbH	
								Rev.: 2		of : 3					
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks			
					Thickness mm		Ø mm		1=t / 2=kg	↓ res ult					
					from	Up to	from	Up to							
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	16 Mo 3	EN 10273 1.5415	QT	bar			5	90			AD 2000 – W 13	Cold Drawn bars 5-48 Turned 14 -80 Grund bars 5 – 60 			
2	13 CrMo 4-5	EN 10273 1.7335	QT	bar			5	90			AD 2000 – W 13				
3	10 CrMo 9-10	EN 10273 1.7380	QT	bar			5	90			AD 2000 – W 13				
4	34 CrNiMo 6	EN 10269 1.6582	QT	bar			5	90			AD 2000 – W 7				
5	25 CrMo4	EN 10269 1.7218	QT	bar			5	90			AD 2000 – W 7				
6	42 CrMo 4	EN 10269 1.7225	QT	bar			5	90			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"/> Regulation (EU) No. 305/2011(System 2+)				
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								Rev.:2	of : 3			
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					Thickness 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.

1	16 Mo 3	EN 10273 1.5415	QT	bar			5	90			AD 2000 – W 13	Cold Drawn bars 5-48 Turned 14 -80 Grund bars 5 – 60 
2	13 CrMo 4-5	EN 10273 1.7335	QT	bar			5	90			AD 2000 – W 13	
3	10 CrMo 9-10	EN 10273 1.7380	QT	bar			5	90			AD 2000 – W 13	
4	34 CrNiMo 6	EN 10269 1.6582	QT	bar			5	90			AD 2000 – W 7	
5	25 CrMo4	EN 10269 1.7218	QT	bar			5	90			AD 2000 – W 7	
6	42 CrMo 4	EN 10269 1.7225	QT	bar			5	90			AD 2000 – W 7	
7	S 235J2	EN 10025.2-1.0117	N-AR	bar			5	90			AD 2000 – W 13	
8	S 235 JR	EN 10025.2 - 1.0038	N-AR	bar			5	90			AD 2000 – W 13	
9	S 275 JR	EN 10025.2 - 1.0044	N-AR	bar			5	90			AD 2000 – W 13	
10	S 275J2	EN 10025.2 – 1.0145	N-AR	bar			5	90			AD 2000 – W 13	

11	S 355 J2+N	EN 10025.2 – 1.0577	N-AR	bar			5	90			AD 2000 – W 13
12	P 250 GH	EN 10273 - 1.0460	N	bar			5	90			AD 2000 – W 13
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		+M = thermo mechanical treated		+S = soft annealed							
		+N = normalized or normalizing formed		+SR = stress relieved							

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"/> Regulation (EU) No. 305/2011(System 2+)							
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					from	Up to	from	Up to							
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10			
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.															
13	L7	ASTM A320	QT	bar			5	90			ASTM A320	a) Cold Drawn bars 5-48 Turned 14 -80 Grund bars 5 – 60 			
14	B16	ASTM A 193	QT	bar			5	90			ASTM A193				
15	75K AISI4130	ISO 10423	QT	bar			5	90			ISO 10423				
16	1.4301	ASTM A29 EN 10088-3	+AT	bar			20	80			ASTM A29 EN 10088-3				
Results		+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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