

Certificate

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

Certificate no.: 01 202 926/Q-02 0040.00

Name and address of the certificate holder: **Böllinghaus Steel Lda.
Travessa da Indústria 6
2430-668 Vieira de Leiria
Portugal**

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.: 01 202 926/Q-02 0040

Scope: **Stainless steel bars for pressure purposes, see annex to
certificate: 01 202 926/Q-02 0040, revision 13 from 30.06.2023**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2026-07-31.**

Cologne, 2023-07-15


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 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: Böllinghaus Steel Lda. Location: Travessa da Industrial, 6 2430-668 Vieira de Leiria Portugal				Böllinghaus Steel Lda. Travessa da Industrial, 6 2430-668 Vieira de Leiria Portugal				P		30.06. 2023 Rev.: 13		1 of : 3		TÜV Rheinland Industrie Service GmbH	
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			
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	1.4301, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571	EN 10272	AT	austenitic stainless steel bar	3	160	-	-	-	-	EN 10272				
2	1.4057	EN 10272	S	martensitic stainless steel bar	3	160	-	-	-	-	EN 10272	Pre-material			
3	1.4462	EN 10272	S	Austenitic- ferritic stainless steel bar (duplex)	3	160	-	-	-	-	EN 10272	Pre-material			
4	1.4301, 1.4307, 1.4401, 1.4404	EN 10272	AT/ C700	austenitic stainless steel bar	3	160	-	-	-	-	EN 10269				
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							

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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	1.4301, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571	EN 10272	AT	austenitic stainless steel bar	3	160	-	-	-	-	AD 2000 W2 AD 2000 W10												
2	1.4301, 1.4307, 1.4401, 1.4404	EN 10272 EN 10269	AT/ C700	austenitic stainless steel bar	3	160	-	-	-	-	AD 2000 W7/2 AD 2000 W10												
Remarks																							
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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.																
1	AISI 304 / UNS S30400, AISI 304L / UNS S30403, AISI 316/ UNS 31600, AISI 316L / UNS S31603, AISI 316Ti / UNS S31635	A479/A479M – 17 Table 1 SA-479/SA-479M Table 1	AT	austenitic stainless steel bar	3	160	-	-	-	-	A479/A479M – 17 Table 2 SA-479/SA-479M Table 2	a				
2	UNS S31803, UNS 32205	A479/A479M – 17 Table 1 SA-479/SA-479M Table 1	A	austenitic stainless steel bar	3	160	-	-	-	-	A479/A479M – 17 Table 2 SA-479/SA-479M Table 2	a				
Results		+AT = solution annealed +A = annealed +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								