

Certificate

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

Certificate no.: 01 202 811/Q-00 0002.00

Name and address of the certificate holder: **Gustav Grimm Edelstahlwerk GmbH & Co. KG
Ronsdorfer Str. 172-174
42855 Remscheid
Germany**

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.: 01 202 811/Q-00 0002

Scope: **Forgings and bars, see annex to certificate: 01 202 811/Q-00 0002, revision 2 from 18.01.2024**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid to 2027-01-31.**

Cologne, 2024-04-10

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:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input checked="" type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0				
Certificate holder (Manufacturer of materials)					Manufacturing plant				Nationality		Page No.:	1		
Company Name:		Gustav Grimm Edelstahlwerk GmbH & Co. KG			Gustav Grimm Edelstahlwerk GmbH & Co. KG				german		of :	4	TÜV Rheinland	
Location:		Ronsdorfer Str. 172-174 42855 Remscheid Germany			Ronsdorfer Str. 172-174 42855 Remscheid Germany						Date:	18.01.2024	Industrie Service GmbH	
Rev.:	2													
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	∅ mm		↓ res ult						
					from	Up to	from	Up to	8a	8b	9	10		



Dipl.-Ing. Schlösser

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	austenitic stainless steels	EN10222-5	+AT	forging		d		d			EN10222-5	Table 4
2	austenitic-ferritic stainless steels	EN10222-5	+AT	forging		d		d			EN10222-5	Table 4
3	martensitic steels	EN10222-5	+QT/ +T	forging		d		d			EN10222-5	Table 4
4	ferritic stainless steels	EN 10272	+A	bar		d		d			EN 10272	Table 7
5	martensitic stainless steels	EN 10272	+A/ +QT	bar		d		d			EN 10272	Table 7
6	austenitic stainless steels	EN 10272	+AT	bar		d		d			EN 10272	Table 8
7	austenitic-ferritic stainless steels	EN 10272	+AT	bar		d		d			EN 10272	Table 9
8	ferritic and martensitic steels with specified properties at elevated temperatures	EN10222-2	+A/ +NT/ +N/+QT	forging		d		d			EN10222-2	Table 1
9	Screw steels for high and low temperatures - steels for quenching and tempering -	EN 10269	+N/ +NT/ +QT	forging bar		d		d			EN 10269	Table 4

Remarks	+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
	+P = work hardened	+QT = quenched and tempered	d = Dimensions in the technical rules
	+M = thermo mechanical treated	+A = soft annealed	+WW = heat-set
	+N = normalized or normalizing formed	+SR = stress relieved	
	+T = tempered	+C = work-hardened	

Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input checked="" type="checkbox"/> EN 764-4				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		2	
Company Name:		Gustav Grimm Edelstahlwerk GmbH & Co. KG		Gustav Grimm Edelstahlwerk GmbH & Co. KG		german		of :		4		TÜV Rheinland	
Location:		Ronsdorfer Str. 172-174 42855 Remscheid Germany		Ronsdorfer Str. 172-174 42855 Remscheid Germany				Date:		18.01.2024		Industrie Service GmbH	
Rev.:								Rev.:		2			
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	∅ mm	from	Up to	from	Up to			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
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10	Screw steels for high and low temperatures	EN 10269	+AT/ +C + P +WW	forging bar		d		d			EN 10269	Table 4	
11	austenitic steels and nickel alloy. Fine-grain structural steels for welding	EN10222-4	+N +QT	forging		d		d			EN10222-4	Table 4	



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					Thick- ness mm		Ø mm		1=t / 2=kg		Technical Regulations			
					from	Up to	from	Up to	↓	res ult				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		



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2. Materials according to the AD 2000-Code

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12	austenitic stainless steels	EN10222-5	+AT	forging		d		d			AD2000-W2	Table 4
13	austenitic-ferritic stainless steels	EN10222-5	+AT	forging		d		d			AD2000-W2	Table 4
14	martensitic steels	EN10222-5	+QT/ +T	forging		d		d			AD2000-W13	Table 4
15	ferritic stainless steels	EN 10272	+A	bar		d		d			AD2000-W13	Table 7
16	martensitic stainless steels	EN 10272	+A/ +QT	bar		d		d			AD2000-W13	Table 7
17	austenitic stainless steels	EN 10272	+AT	bar		d		d			AD2000-W2	Table 8
18	Austenitic-ferritic stainless steels	EN 10272	+AT	bar		d		d			AD2000-W2	Table 9
19	ferritic and martensitic steels with specified properties at elevated temperatures	EN10222-2	+A/ +NT/ +QT	forging		d		d			AD2000-W13	Table 1
20	Screw steels for high and low temperatures - steels for quenching and tempering -	EN 10269	+N/ +NT/ +QT	forging bar		d		d			EN 10269	Table 4

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21	Screw steels for high and low temperatures	EN 10269	+AT/ +C	forging bar		d		d			EN 10269	Table 4
22	austenitic steels and nickel alloy. 1.4313	TÜV-Verband Material Leaflet 395/3	+P +WW +QT	forging bar		d		d			AD2000-W13	
23	1.4462	TÜV-Verband Material Leaflet. 418	+AT	forging bar		d		d			AD2000-W2	
24	1.4533/ 1.4553/ 1.4579	TÜV-Verband Material Leaflet 451	+AT	flange forging bar		d		d			AD2000-W2	

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