

Zertifikat

Qualitätsmanagement-System für Werkstoffhersteller nach Richtlinie 2014/68/EU

Zertifikatsnummer: 01 202 417/Q-02 0001.00

Name und Anschrift des
Zertifikatsinhaber: **Hammerwerk Erft
G. Diederichs GmbH & Co KG
Ernst-Diederichs-Str. 1
53902 Bad Münstereifel
Deutschland**

Hiermit wird bescheinigt, dass der Hersteller ein QM-System eingeführt hat und anwendet. Dieses wurde gemäß der Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Prüfgrundlage: **QM-System nach EN 764-5, Abschnitt 4.2 und
AD 2000-Merkblatt W0**

Prüfbericht Nr.: 01 202 417/Q-02 0001

Geltungsbereich: **Freiformschmiedestücke, nahtlose Ringe, siehe Anlage zum
Zertifikat: 01 202 417/Q-02 0001, Revision 3 vom 07.05.2024**

Fertigungsstätte: siehe Zertifikatsinhaber

Gültigkeit: **Dieses Zertifikat ist gültig bis 30.04.2027.**

Köln, 22.08.2024

Ines Krüger-Führ



TÜV Rheinland Industrie Service GmbH
Notifizierte Stelle für Druckgeräte, Kennnummer: 0035
Am Grauen Stein, D-51105 Köln

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:		Hammerwerl Erft G. Diedrichs GmbH & Co. KG			Ernst-Diederichs-Straße 1				german		of :	3	TÜV Rheinland	
Location:		Ernst-Diederichs-Straße 1 53902 Bad Münstereifel			53902 Bad Münstereifel						Date:	07.05.2024	Industrie Service	
											Rev.:	3	GmbH	
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	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.														
01	Carbon steel	EN 10222-2									EN 10222-2			
02	fine grain steel	EN 10222-3	N/QT			t		t			EN 10222-3			
03	1.4313	EN 10222-5	QT	forgings bars		t		t			EN 10222-5			
04	stainless steel	EN 10222-5	AT	seamless rings flanges		t		t			EN 10222-5			
05	Duplex steel	EN 10222-5	AT								EN 10222-5	t, dimesions > the applied standards a PMA is mandatory		

Remarks	+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment
	+AR = as rolled	+QT = quenched and tempered	in Directive 2014/68/EU necessary
	+M = thermo mechanical treated	+S = soft annealed	t = dimensions acc. to applied standards
	+N = normalized or normalizing formed	+SR = stress relieved	



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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.

06	Carbon steel	EN 10250	N		t	t					AD2000 W9/W10/ W12/W13	
07	Carbon steel	EN 10222-2	N/QT	forgings	t	t					AD2000 W9/W10/ W12/W13	
	C22.3	VdTÜV WB 364	N	bars	t	t						
	C22.8	VdTÜV WB 350/3	N	seamless rings flanges	t	t						
08	Fine grain steel	EN 10222-4	N/QT		t	t					AD2000 W9/W10/ W12/W13	
	StE/P355	VdTÜV WB 354/3										
09	Stainless steel	EN 10222-5	AT		t	t					AD2000 W2/W9/ W10/W12	
10	30CrNiMo8	DIN EN ISO 683-2	QT		800	800					a	t, dimenions > the applied standards a PMA is mandatory
11	1.4462	VdTÜV DS 418	AT		t	t					AD2000 W2/W9/ W10/W12	

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3. Materials according to other standards

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12	SA 105	ASME SA 105	N/QT/NT	forgings bars seamless rings flanges	t	t					ASME SA 105	a
13	F6NM	ASTM SA 182	QT		t	t					ASTM SA 182	a
15	Gr.1	ASME SA 723	QT		t	t					ASME SA 723	a
15	stainless and duplex steel	ASTM SA 182	AT		t	t					ASTM SA 182	a

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