

Certificate

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

Certificate no.: 01 202 IND/Q-14 0025.00

Name and address of the
certificate holder:

Hilton Metal Forging Limited
204, Tanishka Commercial Building,
Akurli Road,
Registration Address:

Operation Address:
Works: Plot No.1,2,3,15,16,17,20,21,25,26,28 29& 30
Shah & Mehta Industrial Estate,
Village - Ghonsai, Taluka - Wada,
Dist .Palghar, 421 312
Mumbai
India

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 IND/Q-14 0025

Scope:

Manufacture of Stainless Steel, Carbon Steel & Alloy Steel
Forgings, Valve Bodies & Bonnets, Flanges, Bars, Stub Ends, &
Fittings, see annex to certificate: 01 202 IND/Q-14 0025, revision 1
from 10-08-2020

Manufacturing plant:

see annex 2

Validity:

This certificate is valid to 2026-08-31.


Cologne, 2023-09-07

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 according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3		<input type="checkbox"/> EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)					
Manufacturer				Work				Nationality	Date	Page No..			
Company Name: Hilton Metal Forging Ltd Location: 204, Tanishka Commercial Building Akurli Road, Kandivali (East), Mumbai 400101				Plot No.1,2,3,15,16,17,20,21,25,26,28 29& 30 Shah & Mehta Industrial Estate, Village - Ghonsai, Taluka - Wada, Dist .Palghar – 421 312, Maharashtra, India				India	10-08-20	1	TÜV Rheinland Industrie Service GmbH		
								Rev.: 1	of : 4				
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ result	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.													
01	X2 CrNiMoN 25-7-4 (1.4410)	EN 10222 – 5	AT	} Flanges Forged Bars Fittings	9.5	250	75	1995					
02	X2 CrNiMoN 22-5-3 (1.4462)	EN 10222 – 5	AT					127	609.6				
03	P250GH(1.0460)	EN 10222-2	N			3	11	12.7	609.6				
													
Remarks		+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								
		+M = thermo mechanical treated			+S = soft annealed								
		+N = normalized or normalizing formed			+SR = stress relieved								

Scope according to		<input checked="checked" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="checked" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)							
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1	2	3	4	5	6a	6b	7a	7b	8 a	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.

04	X5CrNi18-10 (1.4301)	EN 10222-5	AT	Flanges	9.5	250	75	1995			AD 2000 W2	
05	X2CrNi18-9(1.4307)	EN 10222-5	AT									
06	X5CrNiMo17-12-2(1.4401)	EN 10222-5	AT									
07	X2CrNiMo17-12-2(1.4404)	EN 10222-5	AT	Forged Bars			127	609.6			AD 2000 W9	
08	X2CrNiMo17-12-3(1.4432)	EN 10222-5	AT									
09	X2CrNiMo18-14-3(1.4435)	EN 10222-5	AT									
10	X3CrNiMo17-13-3(1.4436)	EN 10222-5	AT	Fittings	3	11	12.7	609.6			AD 2000 W10	
11	X6CrNiTi18-10(1.4541)	EN 10222-5	AT									




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12	X2 CrNiMoN 17-11-2 (1.4406)	EN 10222-5	AT	} Flanges Forged Bars Fittings	9.5	250	75	1995			AD 2000 W2		
13	X6 CrNiMoTi 17-12-2 (1.4571)	EN 10222-5	AT					127	609.6				AD 2000 W9
14	X6 CrNiNb 18-10 (1.4550)	EN 10222-5	AT			3	11	12.7	609.6				AD 2000 W10
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Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)							
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					from m	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8 a	8b	9	10

3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)

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15	F 304/ 304L/F316/F316L	ASTM A 182	AT	} Flanges	9.5	250	75	1995				PMA for the use in pressure equipment in Directive 2014/68/EU necessary
16	F317/F317L/F321/F321H	ASTM A 182	AT									
17	F316Ti/ F347/ F347H	ASTM A 182	AT									
18	F51/F53/F55/F60	ASTM A 182	AT									
19	F 5/ F6a/ F22/ F11/F12/ F9	ASTM A 182	AT/NT	} Forged Bars			127	609.6				
20	F91	ASTM A 182	NT									
21	A 105	ASTM A 105	N	} Fittings	3	11	12.7	609.6				
22	LF2/LF3	ASTM A 350	QT									

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Annex 2

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

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Mumbai
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Manufacturing plants:

Shah & Mehta Industrial Estate
Village - Ghonsai, Taluka – Wada Dist
Thane
India

Cologne,
2023-09-07

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Am Grauen Stein, D-51105 Cologne

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