



TÜVRheinland®
Precisely Right.

CERTIFICATE

**Quality-Assurance System
for Material Manufacturer
acc. to European Directive 97/23/EC
Certificate No.: 01 202 IND/Q-08-0006**

Name and address of
manufacturer:

**Aditya Forge Limited
415 GIDC, Ramangamdi, N. H 8,
POR - 391 243, Dist. Vadodara,
Gujarat , India**

The material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Approved acc. to Directive
97/23/EC:

QM-System according to EN 764-5, section 4.2, and AD 2000-
Merkblatt W 0

Audit Report No.:

IND/Q-08-0006

Scope:

Manufacturing and Supply of Carbon Steel, Stainless Steel, &
Alloy Steel Flanges, Fittings & Bars, see annex

Plant:

**Aditya Forge Limited
415 GIDC, Ramangamdi, N. H 8,
POR - 391 243, Dist. Vadodara,
Gujarat , India**

Valid until:

April 2011

Cologne, August 19, 2008



TÜV CERT-Certification Body
for Pressure Equipment

Dr.-Ing. Wichert

Notified Body, ID-No. 0035

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Service GmbH
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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

Annex to Certificate No.: 01 202 ...
Details of the Validity of the Approval as Manufacturer of Materials in accordance to DGR 97/23/EC and AD2000-W0/TRD 100 respectively

Manufacturer				Work				Nationality	Date	Page No..	TÜV-Name /Stamp	
Company Name: Aditya Forge Limited				415 GIDC, Ramangamdi, N. H 8 POR - 391 243, Dist. Vadodara, Gujarat				India	22-04-08	1	TÜV Industrie Service GmbH	
Location: Vadodara, Gujarat,									Rev.:	of : 3		
Cur-	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓	Re sult	Technical Specifications Requirements Technical Regulations	Remarks
					Thickness mm	∅ mm	fro m	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
The use of the materials according to DGR 97/23/EC 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.												
	X5CrNi18-10 (1.4301)	EN 10222-5	L	} Flanges Forged Bars Fittings	DN	To	DN				} AD 2000 Merkblatt W2	
	X2 CrNiMo 17 13 2 (1.4404)	EN 10222-5	L		15	To	1200					
	X2CrNi Mo N17-11-2 (1.4406)	EN 10222-5	L		150	DIA	TO	600	DIA			
	X5CrNi Mo17-12-2 (1.4401)	EN 10222-5	L		15	To	600					
	X6 CrNiTi18-10 (1.4541)	EN 10222-5	L									
	X6 CrNiMoTi17-12-2 (1.4571)	EN 10222-5	L									
	X2CrNi 18-9 (1.4307)	EN 10222-5	L									
	C 22.8 (1.0460)	EN 10222-2	N									
Remarks	* A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated			V = quenched and tempered CR = temperature controlled rolled G = soft annealed				a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation				

Annex to Certificate No.: 01 202 ...
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Location: Vadodara, Gujarat,									Rev.:	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			
1	2	3	4	5	fro m	Up to	fro m	Up to	8a	8b	9	10
The use of the materials according to DGR 97/23/EC 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.												
	F 304/F304L F 316/F316L/F317L F 321/F347 F 11/F12/F22 F 5/ F 9 F 51 A 105 LF 2	ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 350	L L L NT NT L N NT	} Flanges Forged Bars Fittings	DN	To	DN	1200	} 600	DIA	} EN 1092-1	
					15	To	600					
Remarks	* A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated			V = quenched and tempered CR = temperature controlled rolled G = soft annealed			a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation					

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					Thickness mm		Ø mm		1=t / 2=kg			
					fro m	Up to	fro m	Up to	↓	Re sult		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
The use of the materials according to DGR 97/23/EC 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.												
	1030/1035	AISI	V	} Flanges } Forged Bars } Fittings	DN	To	DN					
	4130	AISI	V		15	To	1200					
	4140	AISI	V		150	DIA	TO	600	DIA			
	S235JR	EN10025	N		15	To	600					
	RST 37.2	EN10025	N									
Remarks	* A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated			V = quenched and tempered CR = temperature controlled rolled G = soft annealed			a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation					