

Annex to Certificate No.: 01 202 CHI/Q-09 0328
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: Aopu Metal Products Co., Ltd				Same as left				China		Mar 25, 2014		1		TÜV Industrie	
Location: Wangjiang, Xingtian Second Road, Xingning City, Meizhou Zone, Guangdong Province 514500, P.R. China.										Rev.:1		of: 1		Service GmbH	
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						
					fro m	Up to	fro m	Up to	↓ 2	Resu lt					
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.

01	1.4308*,1.4408*,1.4309*,1.4409*	EN 10213	A	Steel casting	d	d	8	200	0.02	30	AD2000-W5/TRD103	AD 2000-W5: bold and with*mark PED: bold and with*mark
02	1.0619*	EN 10213	N or V	Steel casting	d	d	8	200	0.02	30	AD2000-W5/TRD103	
03	CF8,CF8M,CF3,CF3M	ASME SA-351/SA-351M	A	Steel casting	d	d	8	200	0.02	30	ASME SA-351/SA-351M	PED: PMA by pressure equipment manufacturer (cat.I/II) By NoBo(cat.III/IV) required
04	WCB	ASME SA-216/SA-216M	N or V	Steel casting	d	d	8	200	0.02	30	ASME SA-216/SA-216M	
05	CD6MN, CE3MN	ASTM A890/A890M	A	Steel casting	d	d	8	200	0.02	30	ASTM A890/A890M	
06	CA6NM	ASTM A743/A743M	NT	Steel casting	d	d	8	200	0.02	30	ASTM A743/A743M	

Remarks	*	A	=	solution treatment and quenched	V	=	quenched and tempered	a	=	material
		L	=	solution treatment	CR	=	temperature controlled rolled	b	=	delivery condition
		N	=	normalized	G	=	soft annealed	c	=	article
		S	=	stress relieved annealed	NT	=	Normalized and tempered	d	=	dimensions in tech. regulations
		TM	=	thermos mechanical treatment				e	=	weight
		U	=	not treated				f	=	No. of tech. regulation