

MILL TEST CERTIFICATE

EN10204-3.1B

ORDER NO.:823/2007

TO:

DATE:MAR. 29.2008

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ITEM NO.	QTY (PCS)	Description	Rating	Size	Material				Hydrostatic Test		Air Test	Result
					Body/Bonnet	Stem	Seat	Disc/knife	Body	Seat	Seat	
1	50	BALL VALVE	150LB	2"	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK
2	50	BALL VALVE	150LB	2-1/2"	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK
3	50	BALL VALVE	150LB	3"	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK
4	50	BALL VALVE	150LB	4"	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK
5	10	BALL VALVE	150LB	6" 4	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK
6	10	BALL VALVE	150LB	8"	WCB	F6	RPTFE	CF8	3.0MPa	2.2MPa	0.6MPa	OK

Corresponding Material Characteristics

ITEM NO.	Name of Part	Heat No.	Chemical Analysis (%)										Mechanical Properties				
			C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Yield Point (Mpa)	Tensile Strength (Mpa)	Elongation (%)	Reduction of area(%)	Hardness (HB)
1	Body Bonnet	5008	0.22	0.42	0.71	0.016	0.015	0.08	0.07	0.03	0.02	0.01	281	527	29	45	149
		5888	0.23	0.48	0.72	0.017	0.015	0.09	0.06	0.04	0.02	0.01	274	526	29	41	148
		5227	0.21	0.44	0.74	0.016	0.019	0.08	0.05	0.05	0.05	0.01	278	516	28	40	155
		5278	0.22	0.43	0.72	0.016	0.020	0.08	0.04	0.05	0.03	0.01	281	518	28	41	147
2	Body	Y8054	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
	Bonnet	Y1122	0.21	0.44	0.72	0.019	0.017	0.09	0.07	0.03	0.03	0.01	282	522	28	47	158
		Y808	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
3	Body Bonnet	Y808	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
			0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
4	Body Bonnet	Y808	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
			0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
5	Body Bonnet	Y808	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
			0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
6	Body Bonnet	Y808	0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153
			0.21	0.42	0.74	0.019	0.018	0.08	0.08	0.05	0.05	0.01	284	506	29	42	153

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

JING LIAN VALVE CO., LTD.