

**CERTIFICATE OF TEST REPORT (PHYSICALS AND CHEMICALS)  
CERTIFICATE OF VALVE TEST REPORT**

Client UNIMECH ENGINEERING (M) SDN BHD WISMA UNIMECH 4934, JALAN CHAIN FERRY 12100 BUTTERWORTH, PENANG, MALAYSIA		Client's Order No. ZPO-2012-0001		Client's Mark UNIMECH PENANG MALAYSIA								
Q' ty: 130PCS	Size: 3"	Description: ARITA SSS04 2PC BODY BALL VALVE F/E PN16										
<b>CHEMICALS% (CF8)</b>												
Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo	<b>PHYSICALS</b>			
CF8	£0.08	£2.00	£1.50	£0.04	£0.04	8-11	18-21	≤0.5				Tensile $\sigma_b$ (Mpa)
	0.041	0.518	0.71	0.017	0.0034	8.14	18.32	0.11	>485	>205	>35	
SKM20 (3" BONNET)	0.06	0.481	0.72	0.01	0.0051	8.14	18.17	0.13	525	250	260	35
SKM26 (3" BONNET)	0.059	0.477	0.77	0.017	0.004	8.141	18.18	0.11	515	250	44	
SLA24 (3" BONNET)	0.062	0.546	0.72	0.016	0.0056	8.39	18.29	0.11	520	260	45	
SLA25 (3" BONNET)	0.057	0.552	0.63	0.012	0.0051	8.31	18.31	0.09	525	260	35	
SLA26 (3" BONNET)	0.055	0.546	0.71	0.009	0.0046	8.36	18.38	0.16	520	258	36	
SJJ18 (3" BONNET)	0.053	0.568	0.68	0.013	0.0046	8.53	18.56	0.16	525	260	37	
SLM18 (3" BONNET)	0.055	0.562	0.64	0.013	0.0045	8.53	18.56	0.14	520	255	35	
SLM20 (3" BONNET)	0.049	0.563	0.68	0.021	0.0037	8.48	18.51	0.19	520	255	37	
SLM21 (3" BONNET)	0.052	0.559	0.62	0.019	0.0043	8.52	18.68	0.15	520	260	38	
SLM23 (3" BONNET)	0.063	0.462	0.763	0.024	0.0049	8.12	18.31	0.14	515	250	36	
SLM24 (3" BONNET)	0.067	0.469	0.761	0.025	0.0051	8.16	18.36	0.16	520	250	37	
SLM25 (3" BONNET)	0.061	0.466	0.758	0.033	0.0059	8.17	18.33	0.19	520	260	35	
SLM26 (3" BONNET)	0.068	0.468	0.755	0.029	0.0044	8.22	18.39	0.14	525	250	35	
SLM27 (3" BONNET)	0.057	0.459	0.753	0.022	0.0055	8.14	18.42	0.17	515	255	36	
SLM28 (3" BONNET)	0.034	0.578	0.78	0.009	0.0039	8.22	18.38	0.12	520	250	35	
SLM30 (3" BONNET)	0.045	0.559	0.65	0.012	0.0035	8.31	18.47	0.13	520	255	35	
SKJ18 (3" BONNET)	0.049	0.551	0.61	0.013	0.0031	8.31	18.42	0.16	525	260	36	
SKJ19 (3" BONNET)	0.053	0.553	0.65	0.011	0.0036	8.35	18.49	0.19	515	255	36	
SLC28 (3" BONNET)	0.045	0.667	0.72	0.017	0.0036	8.14	18.35	0.11	523	258	35	
TEST CONDITIONS TO API598 UNLESS OTHERWISE STATED												
Pressure Test	Shell	Back seat			Seal		Leakage Test					
Hydraulic (MPa)	2.4				0.6		OK					
Air (MPa)							Inspection By					
We hereby certify that the valves of the above order comply in all records with the material specification and the pressure tests have been carried out and witnessed under the test condition shown above.												
Date:2021/01/30	INSPECTION DEPARTMENT: WUKI FUSHENG VALVE INDUSTRIAL CO., LTD (QA DEPARTMENT)											

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Client UNIMECH ENGINEERING (M) SDN BHD WISMA UNIMECH 4934, JALAN CHAIN FERRY 12100 BUTTERWORTH, PENANG, MALAYSIA		Client's Order No. ZPO-2012-0002		Client's Mark UNIMECH PENANG MALAYSIA		
Q' ty: 8PCS 6PCS	Size: 2" 4"	Description: ARITA C.S 2PC BODY BALL VALVE FLANGE END TO ANSI 600#-TRUNNION BALL ARITA C.S 2PC BODY BALL VALVE FLANGE END TO ANSI 600#-TRUNNION BALL				
TEST CONDITIONS TO API598 UNLESS OTHERWISE STATED						
Pressure Test	Shell	Back seat			Seal	
Hydraulic (MPa)	2.4				0.6	
Air (MPa)						
We hereby certify that the valves of the above order comply in all records with the material specification and the pressure tests have been carried out and witnessed under the test condition shown above.						
Date:2021/01/30	INSPECTION DEPARTMENT: WUKI FUSHENG VALVE INDUSTRIAL CO., LTD (QA DEPARTMENT)					

