

**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: 5PCS 130PCS	Size: 1/2" 3"	Description: ARITA SS304 2PC BODY BALL VALVE F/E PN16 ARITA SS304 2PC BODY BALL VALVE F/E PN16										
Heat No.	CHEMICALS% (CF8)											
	C	Si	Mn	P	S	Ni	Cr	Mo	PHYSICALS			
£0.04	£2.00	£1.50	£0.04	£0.04	8-11	18-21	≤0.5	Tensile σ b (Mpa)		Yield σ s (Mpa) (0.2%)	Elongation δ (%)	Hardness HB
LA72 (1/2" BODY/BONNET)	0.041	0.518	0.71	0.017	0.0034	8.14	18.32	0.11	≥485	≥205	≥35	—
SLC26 (3" BODY/BONNET)	0.058	0.551	0.71	0.009	0.0048	8.37	18.47	0.17	525	260	35	—
SLE26 (3" BODY)	0.065	0.473	0.84	0.023	0.0061	8.23	18.18	0.084	525	255	37	—
SLE29 (3" BODY)	0.069	0.694	0.75	0.015	0.0047	8.15	18.69	0.12	520	255	38	—
SLE30 (3" BODY)	0.071	0.691	0.71	0.016	0.0039	8.14	18.65	0.16	515	255	35	—
SLE32 (3" BODY)	0.066	0.701	0.79	0.016	0.0051	8.21	18.73	0.17	525	260	36	—
SLE34 (3" BODY)	0.059	0.481	0.83	0.026	0.0051	8.28	18.22	0.086	515	255	35	—
SLE35 (3" BODY)	0.064	0.476	0.79	0.022	0.0054	8.21	18.17	0.091	515	250	36	—
SLE28 (3" BODY)	0.046	0.563	0.63	0.014	0.0032	8.49	18.57	0.18	530	255	36	—
SLE29 (3" BODY)	0.053	0.568	0.68	0.013	0.0046	8.53	18.56	0.16	520	262	35	—
SLE29 (3" BODY)	0.042	0.671	0.75	0.021	0.0045	8.18	18.41	0.12	520	250	35	—
SLE26 (3" BODY)	0.058	0.546	0.71	0.009	0.0046	8.36	18.45	0.16	525	260	37	—
SLE36 (3" BODY)	0.053	0.568	0.68	0.013	0.0046	8.53	18.56	0.16	520	255	35	—
SLE37 (3" BODY)	0.054	0.553	0.71	0.012	0.0041	8.57	18.58	0.11	530	260	36	—
SLE39 (3" BODY)	0.052	0.568	0.76	0.019	0.0046	8.46	18.62	0.13	525	250	38	—
SLE40 (3" BODY)	0.053	0.565	0.65	0.015	0.0046	8.53	18.55	0.16	515	260	38	—
SLE041 (3" BODY)	0.043	0.515	0.72	0.016	0.0059	8.32	18.32	0.16	520	255	35	—
SLE042 (3" BODY)	0.052	0.522	0.69	0.012	0.0049	8.29	18.41	0.15	525	258	36	—
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: WUXI FUSHENG VALVE INDUSTRIAL CO., LTD. (QA DEPARTMENT)										