



AMS VALVES
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MATERIAL TEST CERTIFICATE (EN: 10204 3.1)

CUSTOMER : AL ZERWA TRADING CO LLC.
CERTIFICATE NO : 03822RSPA
DATE OF CERTIFICATE : 27th July 2022

SIZE : 3/4" (20MM)
PRESSURE : 300#
ENDS : FLANGED
QUANTITY : 24NOS

VALVE TYPE : BALL VALVE
PROJECT : 03822RSPA
VALVE ID : AMS 2207 064 - 088

HYDRO TEST DATA		SHELL TEST (Water)			H.P Pressure Seat (Water)			L.P Press Test (AIR)		BACK SEAT*		TEST STD				VISUAL INSPECTION				SPECIAL TESTS					
PRESSURE(Mpa)		6.0			4.4			0.6		/		API 598				MSS SP25/55				Anti-static : Passed Cavity Relief : Passed Painting : / / / / /					
DURATION(Min)		15sec			15sec			15sec		/						ACCEPTED									
DESIGN PARAMETERS		FACE TO FACE			END CONNECTION			DESIGN STANDARD				FIRE SAFE DESIGN				SOUR SPEC									
STANDARDS		ASME B16.10			ASME B16.5			ASME B16.34				/				NACE MR-01-75									
RESULT		Within Tolerance			Within Tolerance			Within Tolerance				/				Complied									
PARTS		BODY ADAPTOR			BALL/PLUG/DISC			STEM/HINGE		OPERATOR		SEAT RING				SOFT SEAT				SPRING		GASKET		PACKING	
MATERIAL GRADE		CF8M			CF8M			316		SS201		PTFE				PTFE				/		PTFE		PTFE	
COATING																									
DESCRIPTION		CHEMICAL ANALYSIS														MECHANICAL ANALYSIS					IMPACT TEST				
PART	HEAT NO	C	Mn	P	S	Si	Cr	Mo	Ni	Cu	V	Nb	Al	Oth	Oth	T.S.	Y.P	EL	RA	BH	J				
		≤ 0.08	≤ 1.50	≤ 0.04	≤ 0.04	≤ 1.50	18.0 21.0	2.00 3.00	9.0 12.0								≥ 485 Mpa	≥ 205h	≥ 30%			(-Deg C)			
BODY	AMS220624	0.071	1.3	0.037	0.029	1.27	18.15	2.18	9.15	/	/						551		42	65	168				
BALL		0.047	0.81	0.019	0.007	0.76	18.25	2.23	9.54																
STEM		≤ 0.08	≤ 2.00	≤ 0.045	≤ 0.030	≤ 1.00	16.0 18.0	2.00 3.00	10.0 14.0								≥ 515 Mpa								
		0.049	0.92	0.027	0.013	0.65	16.54	2.16	10.31								526								

Notes: "Hydrostatic Medium Is Water..** Seat Test Is Conducted On Both Sides For Bi-directional Valves.

We here by confirm that the valves referred in this certificate is confirmed to meet the referred data and approved for release to customer.

Check Witnessed Quality Manager

Other Stamp & Sign



Company Stamp

