


DURGA VALVES PVT LTD Howrah - 711104 (An ISO-9001 Company)			REF. No. :		
			Contractor:		
Sl. NO.	DESCRIPTION		DETAILS		
1	TAG / SERIAL NO.		-		
2	TYPE OF VALVE		DUAL PLATE CHECK VALVE		
3	MAKE		'DURGA'		
4	STANDARD		API-594		
5	SIZE				
6	QTY.				
7	PRESSURE RATING		PN-1.0		
8	END CONNECTION		Flanged ends drilled as per IS 1538 / IS 6392/ BS En 1092		
MATERIAL OF CONSTRUCTION					
9	BODY		C.I. TO IS 210 FG 200		
10	DISC (2 Pcs.)		C.S. to ASTM A216 Gr. WCB		
11	BODY SEAT		S.S. to AISI 304/410		
12	DISC SEAL		NITRILE Rubber (Shore Hardness 55'- 65'A)		
13	HINGE PIN		S.S. to AISI-410		
14	STOP PIN		S.S. to AISI-410		
15	RETAINER/PLUG		S.S. to AISI-410 / 304		
16	LUG BEARING		G.M. / TEFLON		
17	SPRING		Spring Steel/ SS 316		
18	LIFTING HOOK		Carbon Steel (Forged Quality)		
OTHERS PARTICULARS					
19	TESTING STD.		API-598		
20	MAX. PRESSURE DROP AT DESIGN FLOW RATE		0.5 MWC		
21	MAX. PRESSURE LEAKAGE RATE		7.0 cc/hr/mm diameter.		
22	CLOSURE CHARACTERISTIC		High speed closing & minimum slam condition when closing		
23	OPERATION		Automatically / Self		
24	PAINTING		One coat of red oxide primer & two coats of synthetic enamel.		
25	MARKING		'Durga'/Size/PN-Rating/Arrow Mark/Heat No. & Sr. No.		
NOTES: ★ VALVES ARE SUITABLE FOR USE VERTICAL/HORIZONTAL INSTALLATION. ★ DISC FULLY OPEN (85 deg.) UNDER NORMAL FLOW. Scope Of Inspection : a) Dimensional & Visual c) Hydro test pressure for body & seat to be checked by client d) Internal test report of materials (Physical & Chemical) to be reviewed by client					
			DESIGN	APPD	DATE
	25.08.14	For Approval	PREP	DATA SHEET NO.	
	DATE	DESCRIPTION	CHKD	DVPL/CI-DPCV	REV 0