

Client : BCPL			Dept./Sect. : 16/43	
Project : BPC-ASSAM				
Location : ASSAM			Tag No: 51003	
			Sheet No. 1 of 1	
GATE VALVE SPECIFICATION			MANUF'S OFFER	
TAG NO. : 51003 PIPING CLASS : A4A, A4A1, B4A, B4A1, D4A, D4A1, RATING : 800 STANDARD : API 602/ ISO 15761 SIZE RANGE : 0.5" TO 1.5" ENDS : SW 3000 TO B-16.11			STANDARD: MFGRS CAT/FIG: RATING: ENDS:	
DESCRIPTION	CONSTRUCTION	MATERIAL	CONSTRUCTION	MATERIAL
BODY	FORGED	ASTM A 350 GR.LF2 CL.1		
BONNET	BOLTED	ASTM A 350 GR.LF2 CL.1		
STEM	RISING	SS 304/SS316 (NO CASTING)		
WEDGE DISC	SOLID	STELLITED		
BODY SEAT RING	RENEWABLE	STELLITED		
STEM PACKING	RENEWABLE WITH VALVE OPEN ON STREAM	CORROSION INHIBITED DIE FORMED FLEXIBLE GRAPHITE WITH BRAIDED ANTI EXTRUSION RINGS		
HAND WHEEL	NON RISING	MALLEABLE IRON/CAST ST/FAB.ST/DUCT. IRON		
BONNET BOLTS		ASTM A320 GR L7		
BONNET NUTS		ASTM A194 GR 4/GR 7		
BONNET GASKET		SP WND SS316 - GRAFOIL FILLER		
SPECIAL SERVICE CONDITIONS	LT	UPTO -45 DEG. C.		
BACK SEAT & SHOULDER	INTEGRAL			
OTHERS	O.S & Y.			
HYDROSTATIC TEST PRESSURE	BODY : 2975 PSIG.	SEAT : 2175 PSIG		
TEST PRESSURE WITH AIR	80 PSIG			

NOTES

- THIS VALVE SPEC SHEET SHALL BE READ IN CONJUNCTION WITH TECHNICAL NOTES FOR VALVES.
- ONLY IN THE CASE OF CATEGORY - II MRs,BIDDER SHALL CLEARLY WRITE ALL/ ANY DEVIATION AGAINST EACH PART/ MATERIAL OF VALVE IN THE SPACE PROVIDED FOR AND WHEREVER BIDDER AGREES WITH EIL'S SPEC BIDDER SHALL INDICATE "AGREED".
- NO CUTTING/ OVERWRITING BY BIDDER ON EIL'S SPEC IS ALLOWED.
- TESTING SHALL BE AS PER BS-6364 ALSO.
- VALVES SHALL BE PROVIDED WITH EXTENDED BONNET AS PER CL.9 OF ADDITIONAL TECHNICAL REQUIREMENTS
- VALVES TO COMPLY WITH DESIGN REQUIREMENTS OF BS-6364 ALSO.
- VALVES AS PER API-602 AND TESTING AS PER API-598 & BS-6364 ARE ALSO ACCEPTABLE.

SIGNATURE
&
SEAL
OF MANUFACTURER

SHEET REV. NO.	0
DATE	21/05/2010

51003