

# TECHNICAL CONDITION FOR VALVES

- GATE VALVE, FLANGED ENDS , RAISED FACE, THREADAD SEAT RING CONTROLLED HARDNESS CARBON STEEL BODY, HAND WHEEL OPERATED,SOUR SERVICE TRIM , OUT SIDE SCREW ,RISING STEM TYPE ,VALVES TO BE PROVIDED WITH ENCLOSED STEM PROTECTOR .

VALVES ACC TO API 600.

ALL MATERIAL TO MEET NACE MR 01-75 (L-E)

THE GATE VALVE SHALL BE WEDGE GATE FLEXIBLE DESIGN.

EACH VALVE SHOULD BE COMPLETED WITH TWO WELD NECK FLANGES RF ANSI

B 16.5 SCH 40.

## ITEM- 1GATE VALVE ANSI #150

ITEM	SIZE (inch)	CLASS	Qty
1-1	1	150	4
1-2	2	150	22
1-3	6	150	28
1-4	8	150	18
1-5	12	150	4

## ITEM- 2 GATE VALVE ANSI #300

ITEM	SIZE (inch)	CLASS	Qty
2-1	2	300	50
2-2	6	300	20
2-3	8	300	17
2-4	12	300	2

## GENERAL REOUIRMENTS:

- 1 - EACH VALVE SHALL BE FITTED WITH TWO RUST- RESISTAT METAL TAGS .
- 2 - HARDNESS AT ANY POINT SHALL NOT EXCEED 22 HRC.
- 3 - MILL CERTIFICATES (CHEMICAL ANALYSIS. HEAT TREATMENT, MECH PROPERATIES, HARDNESS TEST ) TO BE SUPPLIED.
- 4 - ALL VALVES TO BE NEW AND UNUSED.
- 5 -ANSI B 16.5 FLANGES TO BE APPLIED.
- 6 - BODY AND BONNETS MATERIALS ACC ASTM A216 GR WCB.
- 7 -QUALITY PLAN IS REQUIRD FOR REVIEWING WITH QA/QC .
- 8 - THE HEAT NUMBER ON EACH VALVE SHOULD BE HIGH LIGHTED USING THE HIGH VISIBILITY WATER PROOF MARKER .
- 9 - SUPPLIER TO PROVIE MANUFACTURER FIGURE NO FOR VALVES WITH HIS TECH-BID
- 10 - ORIGINAL CATALOGUE REFER THAT VALVES ACC TO API 600 AND INCLUDING HOW TO ORDER AND FIGURE NO .