

## Annexure – 2

### Cast Steel Gate Valve for ETP Water

Cast Steel Rising Spindle, Hand wheel operated Flexible Wedge GATE Valve  
as per API 600 / ISO 10434

Application : ON / OFF DUTY

#### MOC :

- Body & Bonnet – Cast Steel, ASTM A 216 Gr. WCB
- Stem – A 479 – 410 – Gr 2
- Seat Ring – A 105 +13 % Cr
- Wedge – ASTM A 216 Gr. WCB with 13% Chrome faced
- Gasket – SS 316 + GRPH

Valve Rating – ANSI Class # 150

Face to Face Distance – ANSI B 16.10

Flange Drilling – As per ANSI B 16.5

Testing Std. – As per API 598

Temp – Ambient

Pressure – 5 Bar

- Stem must be burnished stem and not machined stem.
- Gland Packing is of Die Moulded Graphite Rings.
- Stem Wedge to have 'T' connection meeting API 600 pull test requirements.
- Seat ring lapped and seal welded to body
- Body guided flexible wedge
- Full bore gate valve

#### Note :

1. Party should submit General Assembly Drawings of the valve.
2. Overall dimensions along with weight of the valve must be mentioned.
3. Valves Inspection Certificate must be submitted along with supplies.