

Annexure-1

Cast steel non rising stem, hand wheel operated flexible wedge body guided GATE VALVE as per API 600. The closing direction is to be right, the wedges have accurate guide slots assuring to alignment and providing full guidance during operation.

Detail technical specification is as under.

MOC

- Body, bonut - cast steel, A S T M A 216 Gr. WCB
- Stem - A 479 - 410 Gr 2
- Seat ring - A 216 - WCB - ST 6
- Wedge Ring - A STM A216 Gr + ST6
- Back Seat - A 276 - 410 Hardened
- Gland packing - Graphite
- Gland bush - A 276 - 410
- Hand wheel - SG Iron / CS
- Gland design - Two pieces self aligning
- Stem is burnished stem non machined
- Full bore *Seal*
- Seat ring are ~~sent~~ welded in the body and are made of carbon steel with hard faced seat surfaces.
- The seat faces on the wedges are made by welding on 13 cr stainless steel.

SPL Feature

- Valve rating ANSI Class # 150
- Face to Face distance - ANSI B 16.10
- Face drilling - As per ANSI B 16.5
- Testing Std. - As per API 598
- Valve design - As per API 600
- Gland packing is of die moulded graphite ring.
- The gate valve are provided with a back seat bushing in the bonut, enabling the replacement of stem packing when valve is in the wide open position.