

Annexure – B

Cast Carbon Steel Globe Valve OS & Y Type Hand wheel operated Rotating Flat Disc Globe Valve as per BS 1873, Trim – 5 (Both Disc and Seat edges to be stellited), IBR Approved

MOC :

- Body & Bonnet – Cast Steel, ASTM A 216 Gr. WCB
- Stem – 13% Cr. Steel
- Seat Ring – 13% Cr. Facing
- Wedge – 13% Cr. Facing
- Gasket – SPW SS304 + Graphite
- Gland Packing – Graphite
- Fasteners – ASTM A 193 Gr B7/A194 Gr. 2H
- End Connection – Fe to ANSI B 16.5, Serr. Finish
- Face to Face – ASME B 16.10
- Design Std. – BS 1873
- Testing Std. – BS 6755 Part - I & IBR
- Valve Rating – **ANSI Class # 150**

PRESSURE TEST

- Hydro Shell : 32 Kg/cm<sup>2</sup>g
- Seat/ B. Seat : 23 Kg/cm<sup>2</sup>g
- Air Seat : 7 Kg/cm<sup>2</sup>g

Testing Std. : As per Reg. 269 of IBR 1950

**Note :**

- ✓ 1. Party should submit General Assembly Drawings of the valve alongwith quotation.
- ✓ 2. Overall dimensions along with weight of the valve must be mentioned along with quotation.
- ✓ 3. Party should supply the IBR / Test Certificate (Form IIIC) with each valve.
- ✓ 4. Carbon Content in valve body not to exceed 0.25%.
- ✓ 5. The Make & Specification of valve should be tagged with the valve.
- ✓ 6. The valve body / bonnet shall be painted with Heat Resisting Aluminium Paint.
- ✓ 7. All Valve are Non – raising Stem.

NO