

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/cm²g
- Seat/ B. Seat : 23 Kg/cm²g
- Air Seat : 7 Kg/cm²g

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

Note :

1. Party should submit General Assembly Drawings of the valve along with 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.

100