

## Annexure – 1

### SS 316 Investment Casting Ball Valve

Application : To handle 98% Concentrated Sulphuric Acid

#### MOC :

- Body – ASTM A 351 CF8M
- Ball & Stem – AISI 316
- Seat & Seal – Virgin PTFE
- Gland Packing – Virgin PTFE
- Lever – SS304 with PVC Sleeve  
All external fasteners in SS316
- Temp – Ambient
- Port – Full Bore
- Ball – Solid Ball fully lapped and mirror finish
- Stem – Blow out proof self adjusting type
- Design – Two piece of swing away type above 50 mm and single piece below 50 mm
- End Connection – Flanged ends
- Flanged Drilling – As per ANSI B 16.5
- Flange Rating – Class # 150
- Operation – Lever operated
- Manufacturing Std. – As per BS 5351
- Inspection & Design Std. – As per API 598

#### **Note :**

1. The "Make of Valve" shall be stamped on the body of each valve.
2. Party should submit General Assembly Drawings of the valve, Overall dimensions along with weight of the valve along with offer.
3. Party should also mention approximate weight of the valve.
4. Party shall submit the Material Test Certificate of all the wetted parts at the time of dispatch.