

ANNEXURE 1

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SPECIFICATION FOR BLEED BALL VALVE

Duty : To handle Hydrogen Peroxide (H_2O_2) of concentration 50% (w/w)

Temperature : Ambient

Port : Full Bore

Design : One way flow, Single piece, Solid ball

Casting : Investment Casting

End Connection : Both ends shall be flanged type drilled as per ANSI 16.5 B, Class 150

MOC : 1. All the wetted parts shall be ASTM: A351 grade CF3M (SS316L)

2. Seat – PTFE

3. All external parts shall be SS316

Note :

1. The valve shall be furnished as a one – way flow valve by drilling a hole in the body between the body cavity and the inlet port for cavity relief as the material trapped in ball should be drained out when the valve is kept closed.
2. The tight seat direction is indicated by a arrow stamped on the body.
3. The 'Make of Valve" shall be stamped on the body of each valve.
4. Party shall submit the detail GA drawing with dimensions, hydraulic test pressure, approx. weight, assembly drg. and literature of offered product alongwith quotation.
5. Party shall submit the Material Test Certificate of all the wetted parts at the time of despatch.

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