

Annexure

Manual KB Type Diaphragm valve for Uranium Slurry Line

Application: Uranium Slurry having both Corrosive and Abrasive properties

Type of Valve: Straight type (KB Type) Diaphragm valve (Size:-200NB)

Properties and MOC of Valves:-

Bonnet and Body: Cast Iron to IS210 FG260 Phosphated & Black Epoxy Painted

Body Lining: Natural Rubber

Lining Hardness: 45 to 55 Shore A

Lining Thickness: 6 mm

Diaphragm Grade: 300 (Synthetic Natural Rubber)

End connection: Flanged (Flat face) Drilled to suit BS 10 table-D

Spindle: Carbon Steel (Mild steel-BS EN 10277-3(1.0715 OR 1.0718))

Hand Wheel: Cast Iron to IS210 FG260

Compressor: Cast Iron to IS210 FG260

Testing parameters:

Testing Code: BS EN 12266-1:2003 & BS EN 12266-2:2002 (BS6755 Part-I)

Testing Code: BS EN 13397:2002 (BS 5156)

Leakage Rate: As per ANSI B16.104 Class VI (100% Leak Proof)

Hydro Test Pressure :

Size 8" : Body test pressure-22 Bar, Seat test pressure-24 Bar

Test Certificate:-

Party should submit M.O.C and test parameter's **Test Certificate** along with supply

Warranty:-

Valves should be warranted for minimum 12 months from date of Installation or 18 months from date of supply whichever is earlier.