

Manual Plug Valves for HCSD Lines:

Specification

1. No. of Valves – Twenty-one (21) nos.
2. Size- 200 NB
3. Valve Type- Reduced bore plug valves.
4. Pressure Rating - Pressure class suitable for 120 Bar.
5. Service - High Concentration coal-ash slurry disposal
6. Type of Operation- Manual

MOC:

- | | |
|------------------|---|
| 1. Body: | ASTM A216 Gr.WCB |
| 2. Plug: | ASTM A216 Gr.WCB + CASE
HARDENED+AFT |
| 3. Plug Stem: | ASTM A322 Gr.4140 + AFT |
| 4. Eq ring: | ASTM A322 Gr.4140 |
| 5. Bolting: | ASTM A193 Gr.B7/ASTM A194
Gr.2H |
| 6. Cover: | ASTM A216 Gr.WCB/ASTM A105 |
| 7. Stem Seal: | Graphite filament |
| 8. Cover Gasket: | Metal Diaphragm SS316 |

Standards

- | | |
|---------------------|-----------------------|
| 1. Design Standard | : API6D |
| 2. Testing Standard | : API6D |
| 3. Fire Safe | : API6FA |
| 4. End Flange | : ASME B16.5 CL600 RF |
| 5. Valve Pattern | :Venturi |

Others:

1. Tools and Tackles are to be included in the supply
2. Documentation will be as per EN10204 3.1 certification and submission of O&M manual.
3. GAD & QAP will be submitted for approval
4. Hydro test witness by owner's TPI.
5. Warrantee – 2 years.