



MINING ENGINEERING SERVICES

# PRODUCT CATALOGUE VALVE



# BALL VALVE



|                                          |                                                                                                                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZES                                    | :1/8" to 14" (3 mm to 350mm)                                                                                                                                                    |
| MATERIALS OF CONSTRUCTIONS               | :ASTMA 216 Gr WCB, IS 210 , AISI 304(CF 8), AISI 316 L, (A351 CF 3 & CF3M)                                                                                                      |
| CONSTRUCTIONS                            | :One piece, two pieces & three pieces design, two way, three way & four way(multi port )design.blow out proof stern,floating ball, soft seated, full bore & reduce bore valves" |
| DESIGN & MFG STANDARD                    | :As per BS 5351 API600, API602                                                                                                                                                  |
| INSPECTIONS & TESTING STANDARD           | :As per BS 5146 API598,BS 6755 part-1                                                                                                                                           |
| END CONNECTION                           | :Screwed end, socket weld end flanged end                                                                                                                                       |
| HIGH PRESSURE BALL VALVE FLONGE STANDARD | :PRESSURE UPTO-10000 PSI<br>: ANSI /DIN /IS/SABS                                                                                                                                |

# BUTTERFLY VALVE

|                                |                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| SIZES                          | :1" to 32" (25mm to 800 mm)                                                                                                           |
| OPERATION                      | : "Manually handle operated, Gear operated, Pneumatic & Electric Actuator operated                                                    |
| BODY & DISC                    | :IS 210 Gr , ASTMA 216 GR WCB, AISI-304(CF 8): AISI 316(CF 8M), AISI 316 L(A 351 CF 3 & CF3M)Disc with powdercoating, tefflon coating |
| DESIGN & MANUFACTURIN STANDARD | :As per BS 5155, API 609, MSS SP 67 and ISO 5752 Design to fil without gasket between two flanges                                     |
| LINING/SLEEVE "                | : NITRILE, E.P.D.M, SILICON, VITON TEFLON                                                                                             |
| FLONGE STANDARD                | : ANSI /DIN /IS/SABS                                                                                                                  |



# NON RETURN VALVE



|                            |                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| SIZE                       | :1/2" to 12" (15 mm to 300mm)                                                                                                          |
|                            | <b>WAFER TYPE NON RETURN VALVE</b>                                                                                                     |
| SIZE                       | :1/2" to 40" (15 mm to 1000mm)                                                                                                         |
|                            | <b>DUAL PLATE CHECK VALVE</b>                                                                                                          |
| SIZE                       | :1/2" to 12" (15 mm to 300mm)                                                                                                          |
|                            | <b>FORGED NON RETURN VALVE</b> : faged C.S.A-105, F-304, F316, Forged F-22                                                             |
| SIZE                       | :1/2" to 2" (15 mm to 50mm)                                                                                                            |
|                            | <b>• DISCK CHECK VALVE(DCV)</b>                                                                                                        |
| SIZES                      | :1/2" to12" (6 mm to 300mm)                                                                                                            |
| MATERIALS OF CONSTRUCTIONS | : "ASTMA 216 Gr WCB. CI TO IS 210 Gr FG 220. AISI 304(CF 8), AISI-316( C F 8M), AISI316 L (A351CF3, CF3M),GUN METAL, ALUMINIUM BRONZE" |
| FLONGE STANDARD            | : ANSI /DIN /IS/SABS                                                                                                                   |



# GLOBE VALVE



|                                 |                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| SIZES                           | :1/4" to 20" (6 mm to 500mm)                                                                                            |
| MATERIALS OF CONSTRUCTIONS      | :ASTMA 216 Gr WCB. CI TO IS 210 Gr FG 220. AISI 304(CF 8), AISI-316, AISI316 L GUN METAL, Forged C.S.A-105, Forged F-22 |
| OPERATION                       | : Manually handle operated, Gear operated, Electric Actuator operated                                                   |
| DESIGN & MANUFACTURING STANDARD | : As per BS 1873, BS 5352, MSS SP 84-1984                                                                               |
| END CONNECTION                  | :Flanged End screwed enc, socket weld end butt weld end                                                                 |
| FLANGE STANDARD                 | : ANSI /DIN /IS/SABS                                                                                                    |

# GATE VALVE



|                                 |                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| SIZES                           | :1/4" to 24" (6 mm to 600mm)                                                                                     |
| MATERIALS OF CONSTRUCTIONS      | :ASTMA 216 Gr WCB. CI TO IS 210 Gr FG 220. AISI 304 GUN METAL, ALUMINIUM BRONZE, FORGED, C.S. A-105, Forged F-22 |
| OPERATION                       | :Manually handle operated, Gear operated, Electric Actuator operated                                             |
| DESIGN & MANUFACTURING STANDARD | : As per BS 1414, API600, API602                                                                                 |
| END CONNECTION                  | : Flanged End screwed enc, socket weld end butt weld end                                                         |
| FLANGE STANDARD                 | : ANSI /DIN /IS/SABS                                                                                             |

# PLUG VALVE



|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| SIZES                           | :1/2" to 10" (15mm to 250 mm)                                                           |
| MATERIALS OF CONSTRUCTIONS      | :ASTMA 216 Gr WCB. CI TO IS 210 Gr FG 220. AISI 304 (cf 8), AISI-316(CF 3M), AISI 316 L |
| OPERATION                       | :Manually handle operated, Gear operated, Pneumatic & Electric Actuator operated        |
| DESIGN & MANUFACTURING STANDARD | :As per MSS SP -78                                                                      |
| END CONNECTION                  | :Flanged End screwed enc, socket weld end butt weldend                                  |
| FLANGE STANDARD                 | : ANSI /DIN /IS/SABS                                                                    |

## PINCH VALVE



|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| SIZES                      | : 1" to 12" (25mm to 300 mm)                                                            |
| DESIGN                     | : Open body design & closed body design                                                 |
| MATERIALS OF CONSTRUCTIONS | : IS 210 , AISI 304, AISI-316: AISI 316L, Aluminium                                     |
| OPERATION                  | : Manually handle operated, Gear operated, Pneumatic & Electric Actuator operated       |
| SLEEVE                     | : NEOPRENE, NATURAL, BUTYL, NYLON, E.R.D.M, NITRYLI, VITON or as per your requirements, |
| END CONNECTION             | : Flanged End                                                                           |
| FLONGE STANDARD            | : ANSI /DIN / IS /SABS                                                                  |

## DIAPHRAGM VALVE

|                            |                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| SIZES                      | : 1/2" to 10" (15 mm to 250mm)                                                                                                 |
| DESIGN                     | : Straight way type                                                                                                            |
| MATERIALS OF CONSTRUCTIONS | : ASTM A 216 Gr WCB, CI TO IS 210 Gr FG 220. AISI 304 (CF 8), AISI-316(CF 8M), SS 316 L (A 351 CF 3C & CF 3M) unlined or lined |
| LINING MATERIAL            | : Natural rubber, ebonite, neopene, EPDM, Teflon.                                                                              |
| BODY DIAPHRAGM             | : NEOPRENE, NITRILE, SILICON, E.P.D.M, VITON, Teflon "                                                                         |
| END CONNECTION             | : Screwed end, flanged end                                                                                                     |
| FLONGE STANDARD            | : ANSI /DIN / IS /SABS                                                                                                         |



## Y TYPE STRAINER



|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| SIZES                      | : 1/2" to 20" (15mm to 500 mm)                                                          |
| STRAINER ELEMENT           | : SS 304 / SS 316 OR GUN METAL as per customer requirements.                            |
| MATERIALS OF CONSTRUCTIONS | : ASTM A 216 Gr WCB, IS 210 Gr FG 220. AISI 304 (cf 8), AISI-316, AISI 316 L, Gun metal |
| END CONNECTION             | : Screwed end socket weeld flanged end, but weld end                                    |
| FLONGE STANDARD            | : ANSI /DIN / IS /SABS                                                                  |

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**MINING ENGINEERING SERVICES**



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