

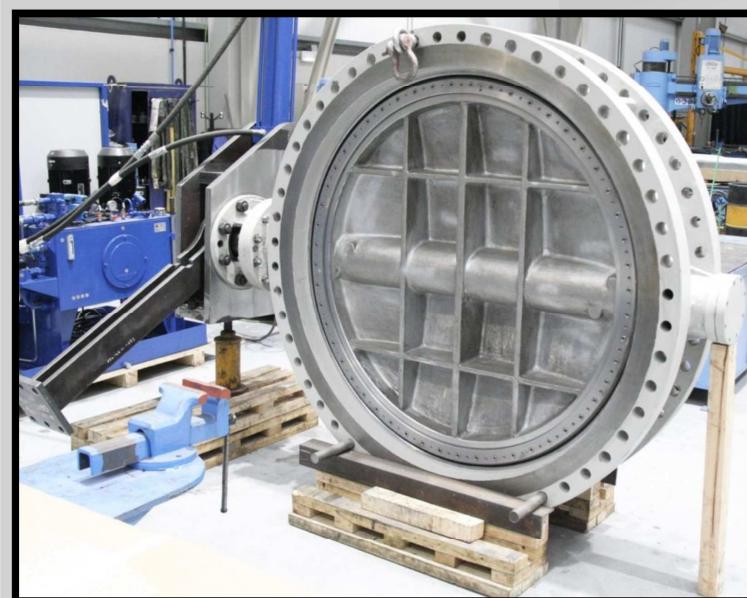


ABYSS ENGINEERING VALVE SERVICES & FABRICATION WORKS

TRADING & CONTRACTING







INTRODUCTION

Abyss Engineering is a premium quality company that specializes in the Manufacturing , Inspection , Servicing and Refurbishment of Valves for Oil , Gas , Hydrocarbon , Petrochemical , Chemical Industry , Power plant , Iron & Steel plant , Fertilizers , Sugar Industry , Pharmaceutical, Water treatment plant and General Industries. The work shop is fully equipped with the fabrication facilities , qualified manpower and refurbishment equipment needed for all of your valve requirement.

We are conveniently located beside of **Palava – Lodha Phase-2, Khoni-Talojabypass road ,Khoni Village, Near Dombivali , Taluka – Kalyan , Dist. Thane. Maharashtra.**

Whenever and wherever you need basic or specialized industrial maintenance and/or fabrication Valve needs, Abyss Engineering is ready to serve as your " Single – Source " professional choice.

Trading & Manufacturing Of Valve :

I) Forged Steel Gate , Globe and Lift Check Valves.

Pressure Rating class : 800 / 1500 / 2500.

Technical Data :

Features :

OS & Y type , bolted bonnet , solid wedge.

Design – Std. API 602 / EN ISO 15761 / ASME B 16.34

Testing as per API 598 / EN ISO 12266-1

Valve with integral back seat arrangement.

Screwed , socket welds and face to face dimensions as per manufacturing standard.

Fugitive emission testing as per API 624.

On Request :

Full bore construction.

Welded bonnet construction.

Locking Arrangement (Open / Close)

NACE as per MR – 0175 / 0103

Stellite Hard Face.

For low temperature and Cryogenic service as per BS 6364

All Exotic materials (Super duplex / Hast Alloy / Monel / Inconel)



**ii) Cast Steel Gate , Globe , Non Return , Angle , Ball ,
Butterfly , Plug , Steam Trap and Strainers.**

Pressure rating class : 150 / 300 / 600 / 900 / 1500 / 2500

Technical Data :

Features :

- OS & Y type , bolted / pressure seal bonnet , flexible wedge.
- Ball valve – floating & turnion mounted reduced and full bore.
- Non Return check valve – Swing , lift , wafer and lugs type.
- Design – Std. API 600 / 607 / 609 / 6D / ASME B 16.34.
- Face to face dimension as per B 16.10
- Flange drilling as per ASME B 16.5 / B 16.47 RF serrated / Butt weld ends as per B 16.25
- Valve with back seat arrangement.
- Seat – Metal & soft seat as required.
- Operating temperature – 40 C to 180 C.
- Testing – As per API 598 / EN ISO 12266-1 / API 6D.

On Request :

- Locking arrangement (Open / close)
- Solid wedge
- Gear / Electrical Actuator / Pneumatic Actuator
- NACE as per MR- 0175 / 0103
- Stellite Hard Face
- For low temperature and Cryogenic services as per BS 6364.
- Jacketed valves.
- Emergency sealant injection.

SERVICES OFFERED:

The Abyss Engineering shop is professionally staffed with experienced supervisors and trained technicians who are ready to meet all of your valve repair and servicing needs. We are dedicated to assure that your industrial plant valves and associated instrumentation are attended to all the highest level of standards available in our industry today. We are fully committed and always without compromise when it comes to the quality we provide.

Our company's capabilities includes Overhauling, repair, Re-engineering, calibration / testing of all kind & sizes of:

GATE VALVES, PARALLEL SLIDE VALVES , GLOBE VALVES , ANGLE VALVE ,CHECK VALVE , BALL VALVES , PLUG VALVES, BUTTERFLY VALVES , CONTROL VALVES , SAFETY VALVES and other General valves.

Our servicing and support activities include (at least) the following :

- 1) Complete plant shutdown and turn around for maintenance of valves.
- 2) On-site service includes professional removal and re-installation of valves.
- 3) Re-packing of valve gland can be completed on site.
- 4) Replacement of valve bonnet joints.
- 5) On live – line valve leak arrested by sealant injection technology.
- 6) Refurbishment and re-tubing of Heat Exchangers.
- 7) Fabrication of Vessels.
- 8) Fabrication of pipe & spools.





Address : H. No. 593/B, Near Sankar Mandir, Khoni - Taloja Bypass Phata,
Khoni Village, Taluka - Kalyan, Dist. Thane - 421204.