

Triple Offset Butterfly Valves (TOVs)

Pneumatic Actuated / On - Off Triple Offset Valves

Range: From 3" to 100" ANSI #900

Standards: API 609 & 598, 607, ISO 10497, ISO 15848, BS 6364

With an intrinsically fire-safe design, these TOVs have been extensively tested & certified as per BS : 6755 Part2, ISO 10497 & API 6FA.

Cryogenic valves have been repeatedly supplied with certification as per BS 6364.

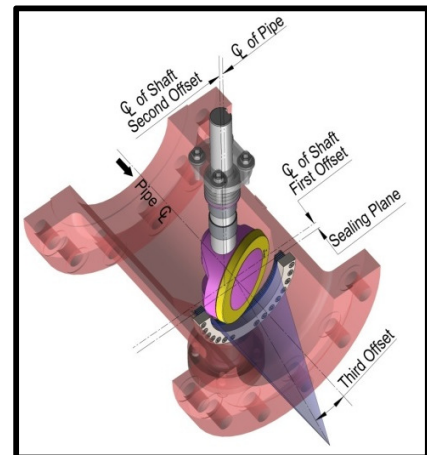
These valves have also been tested for Fugitive Emission control, and have been type-tested as per ISO 15848 for ranges upto 80" ANSI #300 for temperature range from -46 °C to -196 °C.

Our (Advance) Design makes a Difference:

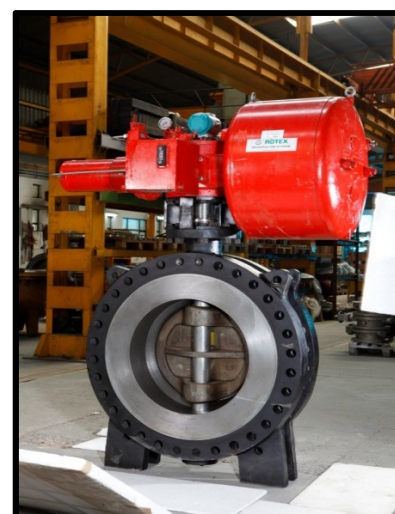
- ✓ Seat being bolted on the disc, Seat and Seal materials are Compatible, e.g. SS-316, Duplex, Inconel 625 and others
- ✓ Seat and Seal are fully replaceable on site, certified by CEIL.

Few Recent Supplies:

- IOCL Paradip Refinery through various EPC's i.e. Essar, Kazastro, Punj, Uhde, Toyo, HHI, Foster Wheeler, Jacobs etc.
- Cairn on Bhogat Terminal through IOT.
- Bhushan Steel for Blast Furnace Flame Gas
- Saudi Aramco & TOTAL JV for Jubail Export Refinery through SK Engineering, Punj Lloyds, Samsung, Chiyoda & Technip.
- GASCO – Habshan Flare Gas Recovery Project through CCC.
- Pneumatic Fail Safe Actuated to Pemex Mexico through Techint for cryogenic service.
- ONGC Petro Additions Limited (OPAL), Dahej through Samsung, Fernas, Kazstroy, EIL
- Gasco AGD-II Project, Abu Dhabi
- Saudi Aramco Khurais Gas Plant
- Reliance Hazira PTA-3



72" Pneumatic operated (ESD) For Bhushan
Closing time < 3 sec



28" TOV (Control) Actuated Valves For Cairn Energy



Saudi Aramco & TOTAL JV Jubail Export Refinery
Through Technip - 76" & 68" for Flare Gas



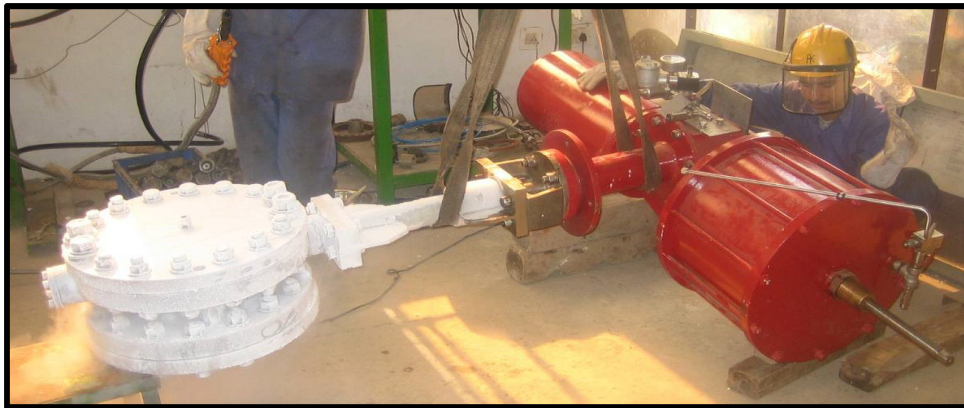
Pneumatic Actuated For GASCO – Habshan
With Limit Switch, Positioner, AFR & SOV

CRYO TESTING:

Advance Valves' range of cryogenic valves cover both the Dual Plate Check Valve & Triple Offset Metal Seated Valves with in-house testing infrastructure for low temperature all the way down to cryogenic conditions (-196°C / -320°F). Valves can be tested up to 100 bar in-house.

The premier EPCs have evaluated & recognized Advance Valves capability in this spectrum, qualifying us repeatedly for these high value products & specifications.

Supply spans across the globe, be it Australian offshore extraction or on-shore shale gas exploration out of USA.



Pneumatic Fail Safe Actuated For Pemex Mexico through Techint



These are a few amongst many