

Valve delivery time slashed by 9% for shutdown alignment

INDUSTRY

Oil & gas onshore

LOCATION

Middle East

PROJECT

680 traded valve products had to be delivered within a tight time frame for a programme of planned shutdowns.

The challenge

A Middle East client urgently required 680 stock valves suitable for temperatures ranging from -3°C to $+120^{\circ}\text{C}$. They were required for a programme of planned shutdowns.

The job comprised

- Trunnion mounted ball valves class 600 & 900, sizes 2" to 10"
- Gate valves PN 10, #150 to #1500, sizes 1" to 36"
- Angle globe valves, #150 to #900, sizes 2" to 6"

A particular challenge was the 36" PN 10 gate valve which required a new casting pattern. The order also involved special materials stipulated by the client as per DIN standards.

It was one of the largest traded product orders ever placed with the Group. Our contracted delivery time was 32 weeks.

The solution

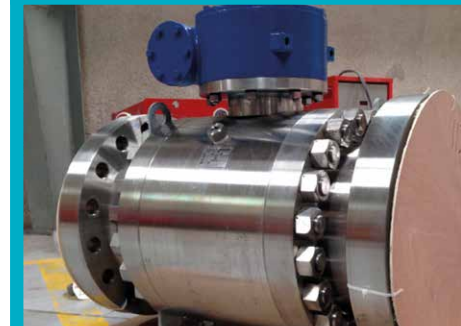
Efficient and reliable delivery of traded products is one of our core strengths. However the extreme demands of this order required a bespoke strategy.

In order to meet the tight production schedule while ensuring products met the highest standards we devised a rigorous quality surveillance programme. We surpassed the client's requirement for 3.1 certification and achieved complete 3.2 certification with stage witness inspections of raw materials, physical/chemical tests, NDTs, hydro and torque tests, painting and packing. This was coupled with thorough expediting procedures.

The volume of the order, and the large valves involved, brought logistics and material handling challenges. A total of 42 containers were required to ship the order, and we precisely followed all necessary customs procedures to prevent delays.

The outcome

Ultimately, the valves were successfully delivered three weeks ahead of schedule with zero quality holds. We were contracted to deliver at 32 weeks; actual delivery was at 29 weeks.



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