

## The Problem

Pinnacle Valve Solutions was approached by APA group for an urgent delivery of 4 x 500mm Class 600# ball valves to be delivered within 6 weeks from order placement.

## The Solution:



Pinnacle Valve Solutions P/L the Australian and New Zealand agent for Dafram valves Italia, worked hand in hand with Dafram Sales, Engineering and expediting team to ensure quality of product and on-time delivery could be achieved.

From contract award, Dafram engineering and manufacturing team expedited and secured raw materials for the manufacture of the valves within 2 weeks of award. During that time, ITP's & certified general arrangement drawings were issued to APA for sign-off and approval prior to the commencement of machining and assembly.

During the document approval period, all receipted raw materials were cross checked against 3.1B material & chemical certificates & inspected by Dafram QA/QC department engineers to ensure conformance of raw materials meeting ASME standards and codes.

Submittal documents were turned around by APA Group within 48 hours and approval granted for shop machining. All machine work for critical components such as body, connectors, ball, stem, trunnion plates, seat retainers and seats were undertaken in house to ensure timely delivery.

All machine work of raw materials were completed on a progressive basis between weeks 3 & 5 and periodically inspected (visual and measurement checks) and signed-off by Dafram QA/QC department, for movement to the assembly stage.

Assembly & Testing of valves commenced at week 5 and completed at the beginning of week 6. Dafram QA/QC department approved and signed-off API-6d Hydro & pneumatic test, prior to movements to inhouse paint shop. Valves were prepared and painted with std Dafram paint finish (Blue primer), prior to packing and collection by nominated freight forwarder.

During the final stages of preparation, valves were packed in ISPM 15 fumigated fully lined enclosed crates, awaiting collection by Pinnacle Valve solutions freight forwarder.

Valve test certificates and mill certificates issued to APA for approval and release prior to collection.

## **Conclusion**

Dafram and Pinnacle Valve Solutions executed and expedited the manufacture, assembly, testing, painting, export packing and documentation of 4 x DN500 Class 600# model F6FP gear operated ball valves within 6 weeks of contract award exceeding APA requirements and expectations.

***For any valve requirements, please do not hesitate to contact Pinnacle Valve Solutions for unsurpassed quality of service and products.***