

Another Problem Solved by [PipeServ](#)

Location: Victoria

Application: Isolating and Hydro-Testing a Flange Tie-In

PipeServ was able to offer a solution in to replace a Valve on a 16” line using a Double Block and Bleed Isolation Plug. The pipeline was a DN400 oil pipeline and the scope only had a small window to be completed.

Benefits of the Double Block and Bleed Plug

- Enables the operator to positively isolate and monitor potentially explosive vapors during “hot work”, then effectively hydrotest the new weld connection with one easy to use tool
- Eliminates the requirement to purge the entire upstream part of the line where hot work is taking place and adds a high level of safety to the welders.
- The aluminum/steel construction makes the tool highly portable, and easy to position. And once the Flange is welded on, the volume of water required for a test is so small that testing can be accomplished using a hand pump.

Customer Feedback

The Double Block and Bleed Plug provided a simple, safe and efficient solution to carry out the scope in quick turnaround. The Hydrotest was completed in 30 min and the few liters of water used were easy to dispose of without adding extra areas of concern.



[Double Block and Bleed Isolation and Hydro Test Plug](#)



Installing the plug past the 2” branch to Isolate and cold cut the pipe.



DBB Plug being used to Isolate the line and create a safe area to carry out hot work.