

CASE STUDY – Large Flow Rate? Huge Piping

Location: Pilbara Mine Site
Western Australia

The tank construction was an Open Top TS600 model. The tank had outlet flow-rate requirements of 10,500m³ p/hr; through a 1200NB orifice. We successfully designed, fabricated and installed an anti-vortex outlet with both internal water straightening baffles and a vortex plate to give maximum hydraulic efficiency. Amidst the dusty and dry conditions our crew were able to complete the tank construction within 6 days.

Tank Dimensions: 15.75m x 8.81m high

Effective capacity: 1,400kL



Photo Far Left:
View of Open Top

Photo Left:
Custom Spool once
water has started
filling

Photo Below:
Completed Custom
Spool

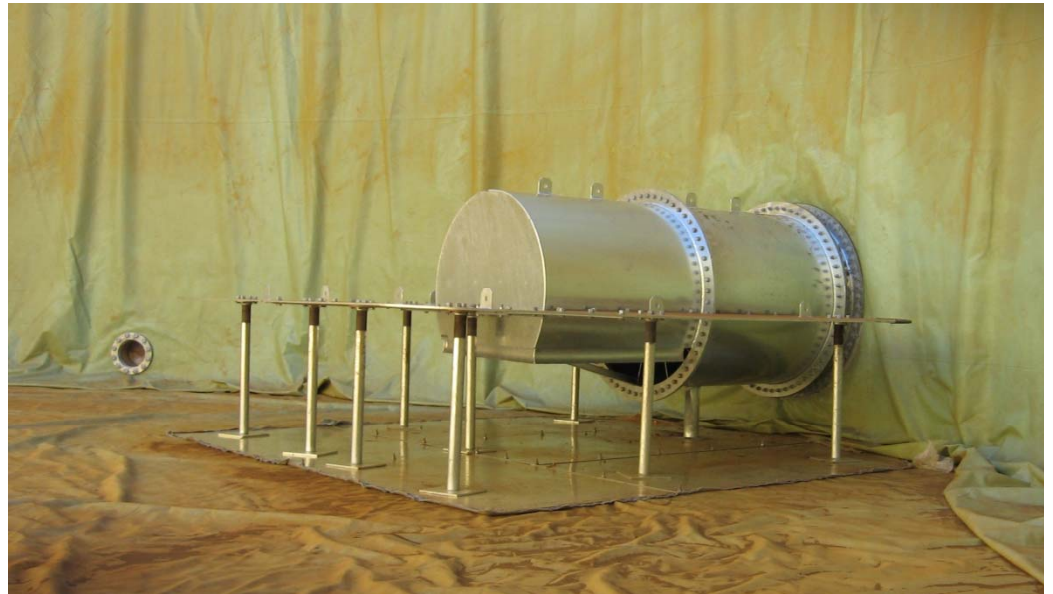


Photo Far Right:
Completed TS600
Open Top Tank

Photo Right:
Attaching external
Spool components to
outside of Tank

