

DESIGN INNOVATION FOR ATCO'S ABLUTION WASTE BLOCKS

Client Profile

Perth-based manufacturing company, ATCO Structures, supplied abluion waste block for Pilbara-based projects - Iron Bridge Magnetite and Western Turner Syncline Phase 2 (WTS2).

The Problem

Operating on mine site locations is no easy task. And in the case of ATCO Structures, the abluion waste blocks they supplied to both projects are discovered to have leakage and plumbing issues. The plumbing issue was caused by a beam blocking the system's inlets while the leakage from the waste tanks was caused by the harsh elements on site. Without delay, ATCO Structures engaged with Coerco to modify and troubleshoot the current abluion system.



The Solution

After a series of assessment tests, Coerco promptly developed a solution through its flexible design and manufacturing process. To solve the plumbing issue, Coerco attached a riser frame to the top of the holding waste tanks. The adapted riser frame design was then fitted to the waste holding units at Coerco's manufacturing plant before being delivered to ATCO on-site. As for the leakage, Coerco replaced the existing abluion waste tanks with their own to limit downtime.



Summary

Location
Pilbara, Australia



Client
ATCO



Products Used

Ablution
Waste Tanks

Riser Frame
Attachment



Coerco abluion waste tanks offer a compact and efficient solution for sites that may not be able to adapt to a full septic system.