

Absorber Vessel



PROJECT OVERVIEW

Thornton Engineering was engaged to deliver the detailed mechanical design, fabrication, supply, and transport of a new Absorber Vessel for a major processing facility in South Australia. The existing unit had reached end of life, and the upgrade allowed the client to implement a refined design developed through prior engineering studies.

The selected configuration provides roughly 30% greater absorption capacity and improved operating efficiency, delivering a meaningful uplift in long-term performance.

The project was completed and delivered in full compliance with strict quality, safety, and schedule requirements. The upgraded absorber is now contributing to improved process performance and long-term operational reliability for the facility.

Additional scope included platforms and ladders, insulation interfaces, internal components, and transportation supports.

PROJECT SPECIFICATION

Year	2025
Dimensions	27.5 m (L) × 3.75 m (H) × 4.3 m (W)
Location	South Australia
Weight	225T



Project Enquiries

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