

Flare Scrubber



PROJECT OVERVIEW

Thornton Engineering manufactured a Flare Scrubber for an Australian oil and gas producer. Used on an offshore oil platform, our scope of work included:

- Vessel design and detailing, including third-party verification
- Statutory design registration
- Global procurement of raw materials
- Development of several weld procedures, including exotics
- Manufacture of vessel
- Testing of vessel – hydrostatic, proof load testing
- Surface treatment and decontamination
- Transportation to site
- Steel was sourced internationally from a mill in France due to the strict chemical restrictions.

All fabrication for the project was performed in-house, giving Thornton Engineering greater project control with less reliance on sub-contractors and less risk on scheduled activities. This included rolling, all welding activities, hydrotesting, proof load testing, surface preparation and decontamination testing in our 40m in-line paint shop.

PROJECT SPECIFICATION

Client	Esso Australia
Tag	SAV-5605
Dimensions	6900mm T-T x 2304mm OD
Design Pressure	1035 / -80 kPa(g)
Material	(6Mo) ASTM-A240-N08367 (Plate), ASTM-A182-F44 (Forgings)
Classification	Class 1
Thickness	12mm/25mm
Weight	8,880kg



thornton
Depend on it

Project Enquiries

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