

Pressure Vessels

CAPABILITY PROFILE

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Project Enquiries

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Our Vessel Shop is designed to handle vessels of all shapes and sizes, we have both the capability and experience to suit your needs. The equipment within this workshop allows us to provide further production of pipework.

WORKSHOP

- ✓ 325m long x 30m wide
- ✓ 12m under hook with 250T crane capacity

EQUIPMENT

- ✓ Stick electrode (SMAW)
- ✓ Manual/orbital TIG welding (GTAW)
- ✓ Semiautomatic flux-cored (FCAW)
- ✓ Semiautomatic/machine solid wire (GMAW)
- ✓ Submerged arc (SAW) with twin tandem capability
- ✓ Electroslag overlay (ESW)

KEY APPLICATIONS

- ✓ Shell & tube heat exchangers
- ✓ Vessels, columns & towers
- ✓ Evaporators
- ✓ Reactors
- ✓ Autoclaves
- ✓ FFC Units
- ✓ Feedwater heaters & condensers
- ✓ Blow down receivers
- ✓ Waste heat boilers
- ✓ Tail gas heaters
- ✓ Hyperbaric chambers
- ✓ Scrubbers

FLARE SCRUBBER
ESSO AUSTRALIA

SNA FLARE SCRUBBER
SAV-5605
VESSEL SUITABLE FOR SOUR SERVICE



OUR PROCESS



1

Plate Blasting & Processing

Up to 16m long
4m wide, 130mm thick



2

Plate Rolling

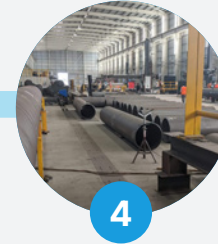
700mm to 6000mm ID
4m wide, 130mm thick



3

Robot Welding & Milling

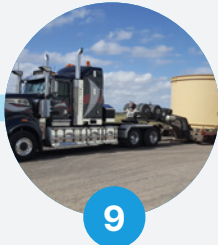
Laser guided
Tandem twin wire
J-prep machining
Circs. & longs



4

Fabrication Lines

300T growing lines
80T growing lines
Dedicated exotic material zones



9

Product Dispatch

Transportation to
site or pickup



8

Blast & Paint

In-line blast & paint
capabilities



7

Hydrotesting

Dedicated
hydrotesting area



6

Stress Relieving

7 x 7 x 25m PWHT
furnace



5

Robotic Cutting

3D cutting robot for
penetrations

SULPHUR BURNER
VICTORIA



KNOCKOUT DRUM
VICTORIA



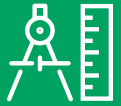
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FLARE ENCLOSURE
VICTORIA

PROUDLY MANUFACTURED IN AUSTRALIA BY
thornton
Depend on it

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01. Precision Design

Our team can prepare designs to your exact specifications and international design standards.



02. Extensive Capability

We leverage our industry leading machinery to produce an extensive range of steel products.



03. Proven Performance

We have a reputation for consistently delivering projects at scale, on time and on budget.



04. World Class Quality

We operate an advanced quality management system providing you with the quality you demand.



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