

Omni Tanker



COMPANY OVERVIEW

Omni Tanker - advanced capabilities in carbon fibre composites and thermoplastics. Core business is the design, prototype, certification and manufacture of specialised tanks for transport and storage of high consequence liquids and gasses.



CAPABILITY OVERVIEW

- Design and Analysis of advanced composite structures
- Filament winding large dia. carbon fibre or glass fibre tank & pipe
- Vacuum resin infusion
- Thermoplastic forming (vacuum forming and rotational moulding)
- Mild and Stainless Steel & Aluminium engineering and fabrication.
- 5 axis waterjet cutting
- Engineered polymer and metallic pressure piping systems

QUALITY CERTIFICATIONS

- ISO 9001:2015 Accredited (Quality System)
- ISO 3834-2:2005 Accredited (Metallic Welding)
- US DOT Pipeline & Hazardous Materials Safety Administration
- German Federal Institute for Materials Research and Testing (BAM)
- Lloyd's Register (Marine Craft & Container Transport)
- NSW Environmental Protection Agency



KEY PARTNERS

- University NSW - Materials Science & Engineering
- ARC - Automated Manufacture of Advanced Composites.
- UN Transport of Dangerous Goods (Sub-Committee Members)

COMPETITIVE DISCRIMINATORS

- **Specialist expertise for composites materials and products**
- Design CAD modelling and Finite Element Analysis (Ansys)
- Concept to prototype testing and production
- Patented composite materials technology Thermoplastic-Thermoset
- Storage and Transport vessels with exceptional chemical resistance
- Advanced Testing capabilities composite structures (NDT and DT)
- CSC Testing facility Lloyds Register approved and off-site Rail Testing facilities in accordance with ISO3834
- Certified German Federal Institute Materials Research & Testing (BAM)
- Certified US DOT 49 CFR 178



KEY CUSTOMERS

- **Coogee Chemicals / Toll Mining / Chemtrans / McColl's Transport**
Omni Tanker is the equipment of choice for transport of corrosive chemicals by major transporters in the Australian and NZ market.
- **Eurotainer.** Omni Tanker ISO Tank containers for shipment and storage of corrosive chemicals worldwide.
- **Linde Gas.** Design, analysis, testing and supply of Cryogenic composite components for large liquid helium tanks.
- **Lockheed Martin.** Design, analysis, testing and production of new technology prototype tanks for cryogenic liquids.

CONTACT DETAILS

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