

Omni Tanker



COMPANY OVERVIEW

Omni Tanker - advanced capabilities in carbon fibre composites and thermoplastics. Core business is design, prototyping, 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 diameter carbon fibre or glass fibre tank
- Vacuum resin infusion
- Thermoplastic forming (vacuum forming and rotational moulding)
- Engineered polymer and metallic pressure piping systems
- Metal fabrication
- 5 axis waterjet cutting



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)
- TÜV SÜD (GER)
- Kiwa Inspecta (SWE)



KEY PARTNERS

- University of New South Wales
- 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
- Structurally integrated baffles for fluid-surge stabilization and safety
- Advanced Testing capabilities composite structures (NDT and DT)
- CSC Testing facility and off-site Rail Testing facilities in accordance with ISO1496-3 and UN Manual of Tests

KEY CUSTOMERS

- **Coogee Chemicals / Toll Mining / Chemtrans.** Omni Tanker is the equipment of choice for transport of corrosive chemicals in the Australian and NZ market.
- **Eurotainer.** Omni Tanker ISO Tank containers for shipment and storage of corrosive chemicals worldwide.
- **Multi-national gas corporations.** Supply of engineering services and cryogenic composite equipment.
- **Lockheed Martin.** Design, analysis, testing and production of new technology prototype tanks for cryogenic liquids.



CONTACT DETAILS

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