# **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**

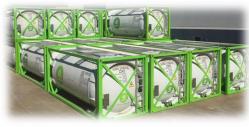
- University of New South Wales
- ARC Automated Manufacture of Advanced Composites.
- UN Transport of Dangerous Goods (Sub-Committee Members)

# **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 Daniel Rodgers, CEO daniel.rodgers@omnitanker.com

Luke Djukic, CTO Luke.djukic@omnitanker.com