



CASE STUDY

Custom-build: Drilling fluids tanks

OEG was engaged to supply 120 new 15,000L capacity drilling fluids tanks for a leading global energy service company. Our experienced team overseeing project delivery worked with internal and external stakeholders from initial consultation to final delivery to ensure cost-effective and on-time delivery.

Challenge

Our customer requested 120 high-capacity 'mud' tanks to support their upcoming projects in Norway. The complex requirements and scale of the request could not be met using standard rental units.

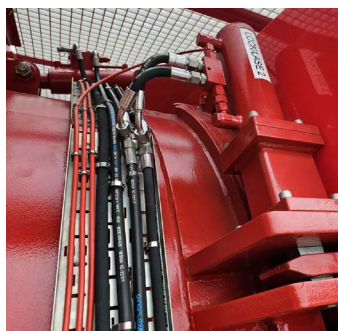
OEG proposed a custom-build solution that would meet customer specifications. Our experienced engineering and project management teams would work closely with internal and external stakeholders to manage fleet delivery within the required time and budget constraints.

The new tanks would need to be fully tested under simulated operational conditions to ensure quality and safety standards and the accreditation and certification process managed through to final documentation.

Solution

OEG's in-house engineering and project management teams engaged manufacturing and logistics experts. Our experience managing large-scale projects enabled competitive purchasing of materials and negotiation of lead times to ensure fast, efficient delivery.

- **Logistics coordination:** Shipments of raw materials, dispatched from three separate facilities, delivered to the manufacturing site for final assembly
- **Supply chain efficiencies:** Secured competitive pricing and lead times by leveraging established relationships with key suppliers and manufacturers
- **Manufacturing:** Manufacturing was completed to certification standards to ensure that the new units would withstand rigorous factory acceptance testing (FAT) under simulated operational conditions
- **Testing:** FAT testing verified that the tanks were robust, leak-proof, and would meet the specified pressure levels and confirmed that all components and systems were fully operational
- **Delivery:** Managed final delivery to a customer specified location
- **Integrity:** Full integrity services capability for inspection, maintenance, repair and recertification



Benefits

- Fully managed manufacturing and procurement process
- OEG's financial stability helps to mitigate risk for our customers and secure competitive pricing
- Leveraged supply chain management and large scale manufacturing experience to maximise efficiencies
- Skilled engineering, project management and logistics overseeing the build from start to final delivery
- Rigorous safety and quality testing to meet international certification standards
- All certification documentation managed through to award of final accreditation
- Integrity services and recertification capability to ensure longevity