



CAPABILITY STATEMENT



FuelcoTM
complete fuel storage solutions

1300 FUELCO | FUELCO.COM.AU



INTRODUCTION

Fuelco has been providing complete fuel storage solutions across Australia since 1994.

We supply a range of containerised, self-bunded, environmentally friendly fuel storage tank solutions and services.

The tanks are cost-effective and versatile with low initial cost, installation and maintenance benefits combined with the flexibility of shipping containers logistics.

At Fuelco, we believe our staff is our greatest asset – we say it often and with good reason.

It is only with the determination and dedication of our people that we can serve our clients, generate long-term value for our clients and contribute to the broader public.

Our qualified engineering, design and compliance team have the technical capability to offer international project and engineering management, meeting standards around the world.

In November 2016, Fuelco was acquired by the Eredyne Group, bolstering its modular approach to fuel storage tank capability and expanding its footprint into Oceania, Asia, Africa, Middle East, and South America, making Fuelco a truly global organisation.

Fuelco, through a network of service agents across Australia, provides after-sales service and repair. We offer tailored preventative maintenance programs to reduce breakdowns and expensive unplanned repairs.

We also stock an extensive range of parts and accessories that comply with relevant global standards.

The Eredyne Group is a private Australian company established by a group of industry professionals to provide an alternative to traditional petrochemical storage tank suppliers.

The key managers in the business are also shareholders and are fully committed to going that extra mile for our customers.





VISION, MISSION & VALUES

Fuelco's Mission, Vision & Values wheel embodies who we are, what we do and where we're going in the future.

Our Vision is a statement of what we want to become and defines how we will get there. Underpinning it all are our Values. They are pivotal in defining our culture – they guide how we behave, the decisions we make and the relationships we have with each other, our customers and external stakeholders.



GLOBAL DISTRIBUTORS



TTR, Chile **www.ttr.cl**

TTR Ltda. Is made up of professionals with extensive experience in logistics, in the mining areas and transportation.



Commercial & Mining Services, **South Africa** **commercialandminingservices.co.za**

CMS designs, engineers and manufactures solutions for fluids handling for a variety of industries, most notably for mining and automotive.



Smartank Refuelling, Middle East **www.smartrefuelling.com**

Smartank Refuelling are the licensed exclusive agreement distributors for Fuelco products across UAE, Qatar, Oman, Saudi Arabia, Egypt & Thailand.

Fuelco provides local service backed by our global support. Fuelco has authorised partners who represent Fuelco across the globe.

All of our products are modular in design and transportable by rail, land and sea, thus simplifying logistical requirements to all corners of the globe.



Haneflex, Singapore
www.haneflex.com

Haneflex Singapore specializes in the sales & service of aviation, retail and commercial fuel handling equipment as well as systems.



Petrotec, New Zealand
www.petrotec.co.nz

Petrotec is a construction and contracting company operating in the petroleum industry specialising in hazardous substances.



IFS, Western Australia
www.integratedfuel.com.au

IFS are a multi disciplined company who provide full turnkey solutions to our clients across range of industries from Petroleum Handling, Mining, Government and Councils, Earth Moving and General Industry.



David Turf, Victoria
www.davidgolf.com.au

David Turf are distributors of Fuelco's KUBE tanks range.



COMPETITIVE ADVANTAGE

- Double wall design with no external bunding required, therefore environmentally friendly and easily deployable on-site
- Rectangular tanks have 23% more capacity than comparable cylindrical tanks, making them more suitable for static storage
- Reduced time and costs to install due to ease of transportation and limited civil / foundation works
- All tanks and systems are design and certified to international standards including UL, AS, JIG, ASME and other regulatory requirements
- Entire system, be it tank or fuel farm, is fully assembled and wet tested before leaving factory, ensuring easy installation and assembly on-site
- Portable and re-locatable
- Modularity - containerised design allows for ease of expansion for future growth

COMPLIANCE

- **AS1940** - The storage and handling of flammable and combustible liquids
- **AS1692** - Steel tanks for flammable and combustible liquids
- **AS1657** - Fixed platforms, walkways, stairways and ladders
- **UL142 / ULC S601** - Steel aboveground tanks for flammable and combustible liquids
- **JIG** - Quality assurance requirements for the manufacture, storage and distribution of aviation fuels



QUALITY ASSURANCE

- All designs independently certified by professional engineers
- 12 month manufacturer's warranty on parts
- Provision for client FAT at manufacturing facility prior to delivery of tanks
- Full product traceability
- ASME qualified welders
- FEA performed to ensure integrity of designs
- Paint coatings on tanks conform to ISO 12944, C5I or C5M standards
- System assembled and wet tested prior to shipping
- Experienced professional engineers and project managers work from design through to project completion
- Tanks built, tested and certified to UL142 standards
- Hold points at key process areas; goods receiving, preparation of parts, general assembly, air tightness test, primary tank and interstitial space pressure test, surface preparation, surface coating, fit-out
- Tank interior coated with anti-corrosion oil prior to sea-freight
- Hydraulic models used to ascertain flow rates, internal system pressures, to enable accurate representation of fuel storage and delivery system
- Non-destructive testing on tanks and critical equipment
- All tanks and pipeworks independently pressure tested to ensure operability
- Equipment used from reputed international companies providing quality equipment and global support



CAPABILITIES

ENGINEERING AND DESIGN

System design, regulatory compliance and customised solutions for bulk petrochemical facilities

- Bulk fuel and retail facility design
- Engineering, design and project management
- Process design including facility automation
- Pump station and pipeline design
- Customised solutions
- FEA, hydraulic calculations and 3D modelling capabilities

PROJECT MANAGEMENT

In-house project management capabilities that will provide complete turnkey design solutions

- We ensure all bulk fuel facility projects are managed to the highest possible standard by assigning a highly experienced project manager at the onset
- Our collaborative approach means we work with you to ensure that our projects remain on schedule, on cost, on scope every time
- Weekly project updates and communication with clients to ensure they are up to date

SUPPLY CHAIN

We have an extensive network of quality international suppliers who have the capability to deliver in a timely and cost effective manner with:

- Independent third party quality inspections
- Sustainability
- Corporate responsibility
- Global network
- Quality products
- Cost effective solutions

GLOBAL REACH

Through our brands and partners we have an international footprint across multiple continents. Regardless of locality we have the ability to service your petrochemical storage needs with:

- Worldwide service and support
- Local partners globally



INSTALLATION & COMMISSIONING

- We provide installation and commissioning service backed by qualified and professional project managers, technicians and electricians
- Our team are on-hand to ensure your tank and dispensing equipment is installed and operating for maximum productivity
- Whether it be fuel management systems or automatic tank gauges or specialist welding and piping solutions, we engage suppliers and contractors at the forefront of their industries that complement our own in-house skills and experience
- Allowance for engineers and supervisors to be on-site to supervise install & commissioning activities and support work site crew
- We provide whole-of-project solutions, from manufacturing to installation, commissioning & de-commissioning, service and repairs tailored to your requirements

SERVICE & MAINTENANCE

- Tailored service and preventative maintenance packages to suit your needs
- Calibration of pumps, pipelines and site equipment testings
- Complete cleanup, ensuring no environmental contamination
- Tank cleaning, de-commissioning and environmentally safe product disposal
- Disposal and removal of fuel related products and ensuring environmental and legal requirements are met at all times
- On-site maintenance for all fuel equipment
- Advice on product storage suitable to your business
- Advice on legislation and site requirements



↓ **Fleet Refuelling System** - Designed specifically for the transport & logistics industry where there is need to store and dispense diesel for fleet.



INDUSTRY APPLICATIONS



TRANSPORT & LOGISTICS



A refuelling station located at your depot or yard gives control over refuelling and fuel usage.



FUEL DISTRIBUTION & RETAIL



A cost effective solution to installing refuelling stations at any location including remote areas.



GOVERNMENT & DEFENCE



Complete modular storage solutions capable of withstanding extreme operating conditions and the ability to deploy at short notice.



MINING AND OIL & GAS



Refuelling and servicing equipment that can be located where equipment is in operation.



POWER GENERATION



Keep your backup generators and pumps fuelled and ready for use at any time.



AVIATION



JIG certified versatile storage solutions suitable for use as extensions to main airports or as standalone refuelling stations for remote air-strips.



SELF BUNDED TANK RANGE



AVIATION TANKS

- For storage of aviation fuels such as Jet Fuel and Avgas
- Built with 304 stainless steel inner tank or epoxy lined specifically designed for aviation fuels



COMBO DEF TANKS

- Self bunded dual compartment design with bunded pump bay
- Stainless Steel or epoxy lined DEF tank - fully insulated to keep temperatures between 0 to 35 deg



DEF TANKS

- Tank, pipework and fittings all 304 Stainless Steel
- Stainless Steel submersible pumps for longevity
- Tank insulated to ensure temperature consistency



KOMMANDER TANKS

- Self bunded storage from 12,000 up to 77,000 litres
- Tank bottom is raised for ability to see underneath tank
- Rounded corners designed to eliminate stress points for improved quality and greater longevity



KUBE TANKS

- Self bunded storage tanks for fuels and hydrocarbons from 1,000 to 10,000 litres
- Ideal for refuelling equipment such as generators and industrial tools



KLASSIC TANKS

- Self bunded tanks for a range of fuels and lubricants from 12,000 up to 110,000 litres
- Ideal for refuelling vehicles, trucks and fleets



POLY TANKS RANGE



TRUCKMASTER

- Portable Diesel Storage & Dispensing Tank 200 - 900 litres
- Lightweight, portable storage solution offering a faster and safer delivery of diesel to any point of use



FUELMASTER

- Fuel Storage and Dispensing Tanks 1225 - 9000 litres
- Tank monitoring and management systems
- 10 micron particle & waterfilter standard
- SpillStop over-fill prevention device fitted as standard



BLUEMASTER

- The ultimate AdBlue Storage Solution. Available in from 2500 to 9000 litres
- Double skinned for environmental protection and to safe guard against AdBlue contamination



BLUEMASTER PRO

- Bunded Storage System with Commercial Management System
- Double skinned for environmental protection and to safe guard against AdBlue contamination.
- Available from 2500 - 9000 litres
- Permitted for POS use



BlueMaster®



ANCILLARIES



SUBMERSIBLE PUMPS

- Submersible pumps for all refuelling applications



PUMP BAYS

- A detachable self banded pump bay for Classic and Kommander models



AUTOMATIC TANK GAUGING

- Monitors fuel levels and density measurements in up to six tanks
- Static and continuous tank leak detection capabilities
- Web interface for remote access



UNLOADING & DISPENSING

- We supply customised unloading and dispensing equipment suitable for a range of flow rates
- We supply filtration systems designed to keep fuel clean and dry to increase the longevity of your equipment



FUEL MANAGEMENT (FMS)

- Get complete control over fuel usage
- FMS allows fuel use to be analysed and only dispensed by authorised users
- 3G secure downloading of data eg. Compaq FMS, SmartFill FMS etc
- Commercial & retail options



INSPECTION PLATFORM

- Our inspection platforms, are available complete with ladder, for the safe inspection of tanks
- Our Inspection Platforms are designed in accordance with AS 1657



FUEL PARTS

We have an extensive range of specialised fuel parts and accessories in stock that comply with the relevant Australian and Global standards.

Our large stock of parts and accessories include pumps (PIUSI, FILLRITE etc.), AdBlue equipment, Fuel Bowers, Fuel Management Systems (SMARTFILL, COMPAC, PIUSI), Flow Meters & Nozzles (Fuelco, TCS) and many more.



PUMPS & KITS



FUEL MANAGEMENT



FUEL DISPENSERS



FLUID LEVEL MONITORS



FLOW METERS & ADD-ONS



NOZZLES & SWIVELS



FLOW CONTROL VALVES



SPILL KITS



OVERFILL KITS



SERVICE & MAINTENANCE

REDUCE BREAKDOWNS & EXPENSIVE UNPLANNED TANK REPAIRS WITH OUR PMP PROGRAM.

Fuelco provide cradle-to-grave solutions - from manufacturing to installation, commissioning & de-commissioning, preventative maintenance and breakdown repairs of tanks and parts, all tailored to your requirements.

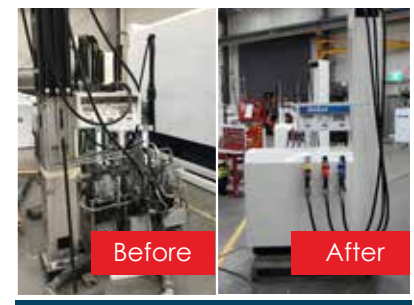
Fuelco has Preventative Maintenance Program (PMP) aimed to reduce breakdowns and expensive unplanned repairs. Joining the PMP schedule will reduce your costs verses the cost of urgent breakdown callouts.



ON-SITE OR REMOTE SUPPORT



TANK & EQUIPMENT REPAIRS



REFURBISH PUMPS/ BOWSERS



UPGRADES TO FMS & PUMPS



COMPLIANCE CHECKS



CLEANING & RESTORATION



BULK FUEL & LUBE FARM PROJECT

SCOPE

Fuelco completed a bulk fuel & lube storage facility which involved building diesel and lubricant oil storage for a mining company.

Project involved complete turnkey design of facility including concept design, hydraulic calculations, pipework design, automated tank gauging, dispensing systems etc.

OUR APPROACH

We used a combination of standard Klassic Tanks as well as multi-compartment tanks, walkways and loading links for the entire system, as well as pump-houses and hose reels for unloading and dispensing purposes.

Fuelco designed, fabricated, installed and commissioned the bulk fuel & lube tank farm in Western Turner Syncline, Western Australia.

Our qualified team were on-hand throughout the project to ensure customer expectations were met.

PRODUCT SOLUTION

The Logitank Klassic is a self bunded tank suitable for storing a range of fluids including bulk diesel and lubricants. There are two styles available depending on your needs or application; with or without bunded pump bay.

These tanks are designed to be transported and installed with minimum civil works.



BUS REFUELLING PROJECT

SCOPE

De-commission existing underground storage tanks in conjunction with regulations and safe environmental practices.

Supply and install a bus refuelling system that stores diesel.

OUR APPROACH

Fuelco supplied the tanks and dispensing equipment, for the storage and dispensing of diesel, to a bus company needing storage and dispensing at their depot.

This refuelling system was designed specifically for the transport industry where there is the need to store and dispense diesel for trucks and buses.

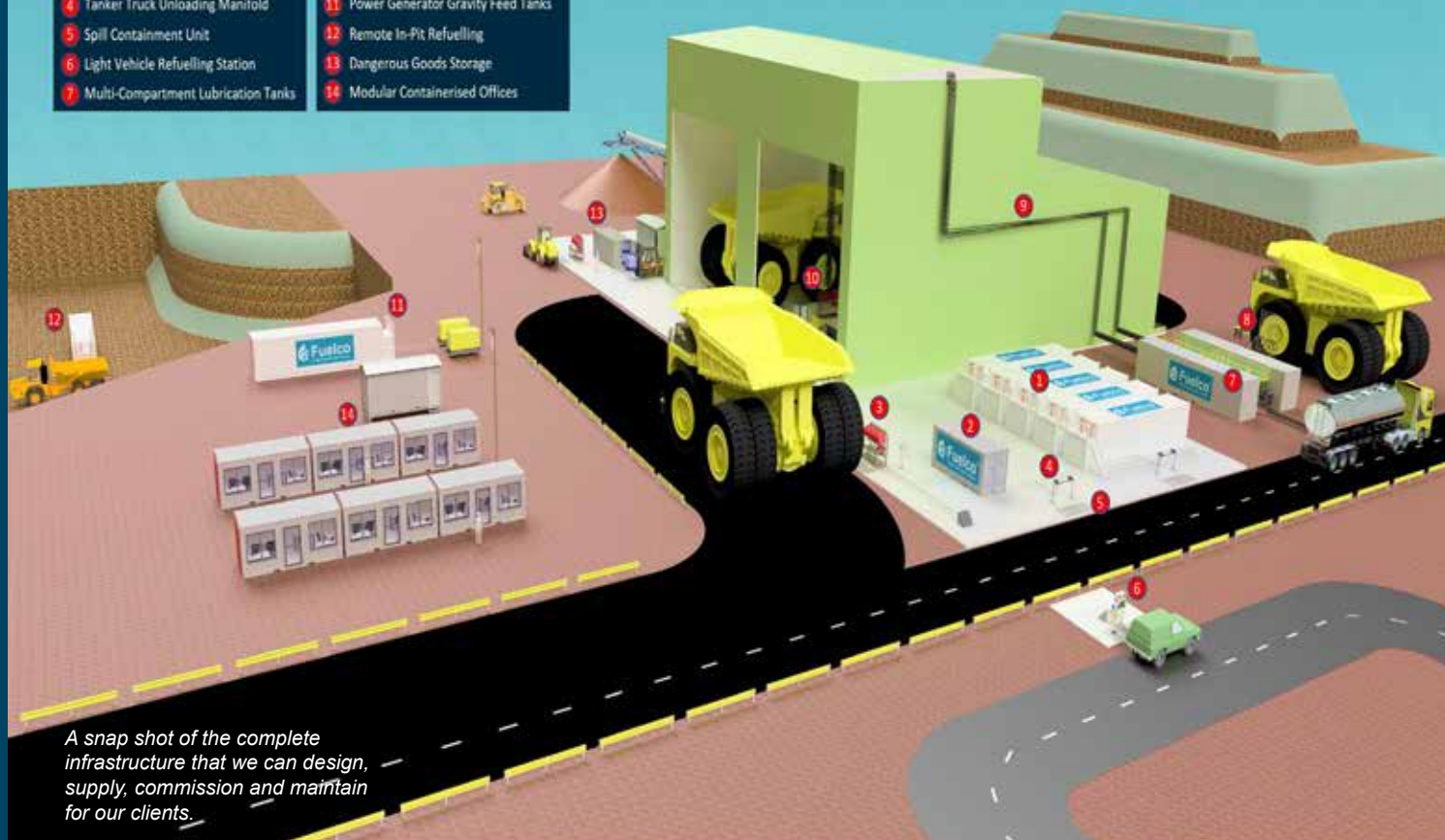
PRODUCT SOLUTION

The Logitank Kommander is designed specifically for storing fuels including diesel. All components are customised to suit the safe handling and storage of diesel.

Fuelco provided 2 (two) Logitank Kommander LTKO 68's for the purpose of storing diesel.

For part of this project, Fuelco decommissioned existing underground storage tanks.

- | | |
|---------------------------------------|------------------------------------------|
| 1 Modular Fuel Farm | 8 Heavy Vehicle High Mast Skid |
| 2 DG Container Pump House | 9 Associated Pipework |
| 3 Fuel Dispensing Hose Reel Rack | 10 Lubrication Dispensing Hose Reel Rack |
| 4 Tanker Truck Unloading Manifold | 11 Power Generator Gravity Feed Tanks |
| 5 Spill Containment Unit | 12 Remote In-Pit Refuelling |
| 6 Light Vehicle Refuelling Station | 13 Dangerous Goods Storage |
| 7 Multi-Compartment Lubrication Tanks | 14 Modular Containerised Offices |



A snap shot of the complete infrastructure that we can design, supply, commission and maintain for our clients.

COMPLETE MODULAR FUEL STORAGE FOR MINING PROJECT

SCOPE

The requirements included design and installation of a complete, bulk fuel storage system for the purpose of refuelling heavy vehicles.

The new infrastructure must integrate with the current tanks and systems.

OUR APPROACH

Fuelco were quick to respond with comprehensive designs for review prior to supply and installation. These included linking kits and pipework for integration with existing infrastructure. solution and installation of in-pit refuelling storage and dispensing.

PRODUCT SOLUTION

We recommended our Logitank Classic LTKL 110 tanks, as these self bunded tanks are ideal for storing fuels and lubricants and are available from 12,000 to 110,000 litres storage capacity. These are ideal for refuelling vehicles, trucks and fleets.



OTHER RECENT PROJECTS

Client	Project	Works Involved	Location
BP Australia	Lubricants Farm	Design, Supply and Project Management	Australia
Rio Tinto	Fuel and Lube Facility	Design, Supply, Engineering, Build and Project Management	Australia
Exxon Mobil	Fuel storage systems	Design, Supply Engineering and Build	Australia
Viva Energy	Lube tanks	Design and Supply of tanks fitted with fuel management systems, dispensing kits etc and delivered directly to site	Australia
Leasons Logging	Combo Tanks	Supply of tanks and parts	Australia
Dysons Transport	Transport refuelling system	Design, Supply Engineering and Build	Australia
McHarrys Bus lines. LTKL80	Fuel Storage Tank (LTKL80) with clip on AdBlue Tank	Supply tanks and parts	Australia
Bonney Energy	Fuel Storage Systems	Supply of Tank (LTKO30) with pumping and fuel management systems fitted for railway transport	Australia
WOQOD	Containerised service stations	Supply of tanks, design and build of canopy, dispensing systems, fuel management systems at remote site	Qatar
ADOS	Tank storage systems	Supply of tanks and other ancillaries	UAE
NUC	Tank storage systems	Supply of tanks and other ancillaries	Kuwait
Tiger Resorts	Back-up power generation	Supply of tanks and parts	Phillipines
Total	Fuel storage tanks	Design, Engineering and Supply of tanks and parts	Pacific Islands

RioTinto



Ventura Since 1924





Transport Refuelling, Australia



WOQOD, Qatar



Transport Refuelling, Australia



Mining Site, Australia



Bulk Lube Farm, Australia



Bulk Fuel Farm, Australia



Back-up Power, Australia



Unmanned Refuelling, Australia



Solar Tank System, Australia



WHOLE-OF-PROJECT SOLUTION

CANOPY

STAINLESS STEEL
PIPEWORKS

MOTOR CONTROL
CENTRE

UNLOADING
GANTRY

LINKING
PIPEWORKS



PUMP BAY



DISPENSING KITS



FUEL MANAGEMENT
SYSTEMS



AUTOMATIC TANK
GAUGING

**WALKING
PLATFORMS**

**BREATHERS &
PV VENTS**

**HEATERS &
AGITATORS**

**WALKWAYS &
STAIRS**



**INTEGRATED OR STANDALONE FILTRATION
SYSTEMS FOR BETTER QUALITY FUEL**



SUBMERSIBLE PUMPS



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