



Modular Fuel Stations
Nov 2019

About Fuelco

Fuelco Australia – Started in 1994

Part of the Eredyne Group registered in Melbourne, Australia

Specializes in providing quality, turnkey petrochemical storage solutions.

Offices in Australia, South Africa and the UAE

Distributors in New Zealand, Asia, Middle East, Africa and South America. Modular Fuel Stations that are easily transportable and quick to deploy.

Dedicated team of project managers and engineers with the ability to fully design and manage complex solutions in-house.



Fuelco Modular Fuel Stations



- Fuelco designs and manufactures Modular Fuel Stations for above ground fuel storage
- Fuelco Modular Fuel Stations have been designed to supplement or even replace traditional service stations
- Approved to UL142 or UL2085 depending on application
- Hundreds of such units have been deployed across Australia, Asia, Middle East for use as both temporary and permanent fuel infrastructure



Fuelco/Eredyne Group tanks in UAE





Advantages

- Minimal civil works required
- Quick to install and commission
- Low investment compared to conventional service station
- Can be relocated to a new site
- Friendly to environment – self bunded above ground storage
- Dispenser installed in pump bay
- Canopy can be integrated on top of tank
- Containerised & CSC plated means can be transported by ship, road or rail





Fuelco/Eredyne Group tanks in Australia



New Modular Fuel Station for UAE

Compliance

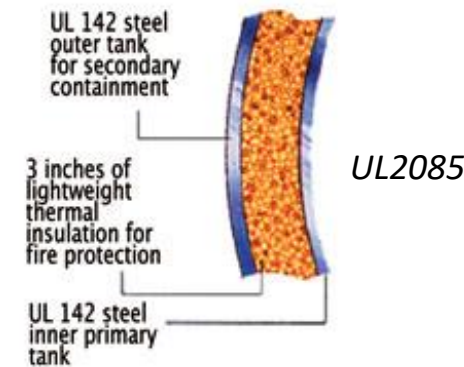
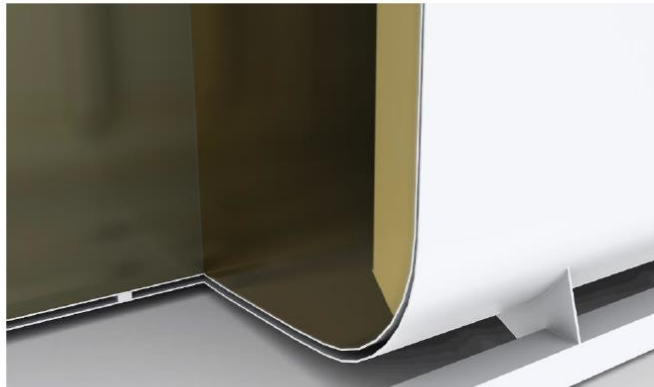
- Fuelco Modular Fuel Stations can be used to store diesel and/or gasoline
- UL142 approved or UL2085 fire rated approved
- Ex proof rated electrical for all gasoline applications

UL 2085 is a UL142 tank that also has 2 hour fire protection vehicle impact protections and ballistics protection

To meet UL2085 the requirement is for 3 inches or 75mm of insulation on all faces of the tank, including the roof and floor. This is sandwiched between the inner and outer skins.

For 4 hour fire protection, the insulation is increased to 6" or 150mm

UL142



Compliance

- NFPA 30
- AS1657
- AS1692
- UL142
- UL2085
- ULCS601
- CSC

CERTIFICATE OF COMPLIANCE

Certificate Number 20170714-MH60954
Report Reference MH60954-20121130
Issue Date 2017-JULY-14

Issued to: Eredyne Group Pty Ltd
6 Alexandra Ave
Elsternwick
Victoria 3185 AUSTRALIA

This is to certify that representative samples of ABOVEGROUND FLAMMABLE-LIQUID TANKS
Dual Certification for Secondary Containment Types of Aboveground Steel Tanks for Flammable and Combustible Liquids:

Design Shapes – Rectangular
Tank Options – Lift Lugs & Supports

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 142, Steel Aboveground Tanks for Flammable and Combustible Liquids.
ULC-S601-14, Standard for Shop Fabricated Steel Aboveground Tank for Flammable and Combustible Liquids.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Barclay
Brian Mahoney, Director North American Certification Program
UL LLC
Any information and documentation including UL Mark service are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact: AUSA US Customer Service Representatives at USA@UL.com



UL US LISTED
MH60954

NUMBER LSBU 300 3476
UL SERIAL NUMBER B 82837539
DATE OF MANUFACTURE

ABOVEGROUND TANK FOR FLAMMABLE LIQUIDS ON SUPPORTS
RESERVOIR EN SURFACE CONTENU SECONDAIRE POUR LES LIQUIDES INFLAMMABLES

THIS TANK REQUIRES EMERGENCY RELIEF VENTING CAPACITY OF NO LESS THAN 416 m³/min
THIS TANK IS INTENDED FOR STATIONARY INSTALLATION ONLY.

PRIMARY TANK		SECONDARY CONTAINMENT	
TOP PLATE THICKNESS	6 mm	TOP PLATE THICKNESS	6 mm
SHELL PLATE THICKNESS	6 mm	SHELL THICKNESS	6 mm
BOTTOM PLATE THICKNESS	6 mm	BOTTOM PLATE THICKNESS	6 mm
TANK CAPACITY	LITRES	PRESSURIZE PRIMARY TANK WHEN TESTING ANNULAR SPACE	
MAX OPERATING PRESSURE	7 kPa	Web: www.eredynegroup.com	
MAX OPERATING VACUUM	300 Pa		
CAPACITY OF TOTAL TANK VENTING	NORMAL 28 m ³ /min		
Test Pressure	3 psi / 21 kPa		

CONSTRUCTED TO UL 142 AND ULC-S601

FES EREDYNE GROUP

CSC SAFETY APPROVAL

11183 / 10

DATE MANUFACTURED 1/2014

IDENTIFICATION No LSBU 300 17 F 2

MAX. GROSS WEIGHT 8,007 KGS 17,650 LBS

ALLOWABLE STACKING WEIGHT FOR 1.8G 192,000 KGS 423,280 LBS

RACKING TEST LOAD VALUE 15,240 KGS 33,600 LBS

END & SIDE STRENGTH TEST LOAD: ZERO

NOTE: FIRST EXAMINATION DATE IS DUE ON 3/2016

OWNED BY:
EREDYNE GROUP
8 Yazaki Way, Carrum Downs, Vic 3201
Australia



Applications

- In lieu of conventional gasoline stations
- For new highways
- Ideal for rural towns & villages
- Truck stops
- Temporary work sites
- Home depots for truck, bus or taxi fleets



Fuel Station, Oman



Woqod Service Station, Qatar



Options

- Can have multi-compartment tanks for different products
- Option with pump bay on either end of tank for 4 dispensing points
- Canopy, cladding and signage can be included
- Lighting and security cameras can be included
- Suitable for any make/model of dispenser





Our Facility

- Head office, Engineering, Project Management and Workshop in Melbourne
- 12,000 m² Factory in Shanghai China
- High Quality Fabrication and Manufacturing with Semi-Automated processes
- Third Party Inspection and Audits (BV)
- Every tank comes with a Unique UL serial number



Customisation

- Fuelco can design and manufacture a modular customised solution to suit your requirements
- Up to 3 different products can be stored in one tank
- Unmanned sites with Outdoor Payment Terminal
- High Flow for trucks and Low Flow for vehicles
- Various fuel management systems available
- Tanks can be cladded to customers branding





Contact

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