

**Liquefied Petroleum Gas Facility:
Design-Engineering-Construction-
Maintenance**

OLD PARK ENGINEERING SERVICES LIMITED





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Overview

Old Park Engineering Services Ltd
Old Park Engineering Services Limited
Specialise in the Design, Engineering,
Construction, Maintenance of L.P.G.
Bulk Storage Facilities Above,
Mounded and Below Ground. We
undertake Contracts World-Wide
having a Base in West Africa in addition
to our UK operation.





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Consultancy:

Old Park Engineering Services Ltd undertakes Consultancy Services for the Design, Engineering and Construction of Bulk Storage Facilities for Public Utilities, Industrial and Commercial Users, including Traders, Aerosol Manufacturers, Food and Drink Industries and Re-sale Outlets. Included in the Design Consultancy Service is a Complete HAZOP (Hazardous Operation Study) Capability. Design for LPG Facilities is “Normally” based on the UKLPA Codes of Practice, however, if ASME/NFPA Standards are required these can be adopted for Individual Contracts





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Site Services and Maintenance

Old Park Engineering Services Ltd offers a comprehensive range of Site Services for the Mechanical Installation of the equipment designed, manufactured and supplied by them.

As part of our service, we are able to offer commissioning, decommissioning, re-commissioning and preparation for 5 and 10-year Statutory Inspections.

Old Park Engineering Services Ltd also offers an Annual Inspection Service complete with a Survey Report for the Complete L.P.G. Installation, Deluge systems, Boilers, Vaporisers, etc. All work being carried out in accordance with UKLPGA (Liquefied Petroleum Gas Association) Codes of Practice and the Health and Safety Guidance.





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Vaporisers:

Old Park Engineering Services Ltd Designs Engineers, Manufactures and Installs a range of L.P.G. Vaporisers, utilising steam, hot water or electricity as the vaporising/heating medium. Bespoke Customer Requirements for vaporising capacities can be catered for.. Gas/Air Mixing Equipment/Facilities are purposely designed to suit the specific applications required, all in accordance with the latest standards and codes of practice. We can design the Gas/Air Mixing System to suite the Wobbi Index of a Gas or the Calorific Value depending of customer requirements





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Processes and Pipe work:

The application of L.P.G. pumps/compressors is undertaken by Old Park Engineering Services Ltd to suit specific and operating conditions required. All equipment for “Zoned” areas and Hazardous Products are in accordance with ATEX regulations.

Pipe Line designs are generally in accordance with:

B31.3 Process Piping

B31.4 Pipeline Transportation Systems for Liquids

B31.8 Gas Transmission and Distribution Piping Systems





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Cylinder Filling Facilities

Design, Engineering, Construction, commissioning of Semi-Automatic and Fully Automatic Cylinder Filling Facilities from the LPG Storage through to Distribution.





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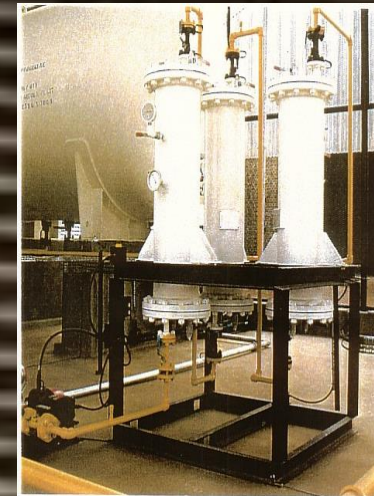
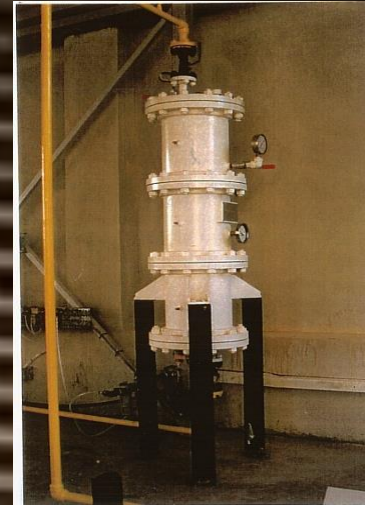
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Destenching Columns

For the Removal of Sulphur,
Mercaptan and Water from Liquefied
Petroleum Gas

3 Column Destenching Units
Designed and Constructed to PD5500
Category 2

Columns can be designed for specific
flow rates to suit the Clients
requirements





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Portfolio of U.K. and Overseas Contracts

Fuel Trade Limited (Tema Fuel Company) – Tema – Ghana

5 x 800 Tonne Capacity Mounded L.P.G Storage Vessels

Kosangas – International Gas Energy Group PLC – Guernsey

2 x 200 Tonne Capacity Mounded L.P.G Storage Vessels

2 x 400 Tonne Capacity Mounded LPG Storage Vessels

Gas/Air mixing plant c/w Variable Venturi Mixers/ Controlling Gas Holder and PLC System

Jersey Gas – Channel Islands:

5000 Tonne Capacity Mounded Storage Vessels

Gas/Air mixing plant c/w Variable Venturi Mixers/ Controlling Gas Holder and PLC System





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Portfolio of U.K. and Overseas Contracts

Manx Gas Limited

600 Tonne Capacity LPG Storage Sphere

Deluge System

1200 Tonnes Capacity Mounded LPG Storage Vessels

Gas/Air mixing plant c/w Variable Venturi Mixers/ Controlling Gas Holder and PLC System

Hot Water Heated Vaporisers capable of 3000kg Per Hour

Bhacker – Sulaman Jaffer Co. Muscat, Sultanate Of Oman

1 – Single Multi Chamber Column for destenching up to 500kg/hr L.P.G suitable for the removal of H₂O - H₂S and Mercapton





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Portfolio of U.K. and Overseas Contracts

City Gas – Dunedin – New Zealand

Engineering Consultancy

Supply, Installation and Commissioning of Gas/Air Venturi Mixing Plant for Supplying Public Utilities on the Southern Island of New Zealand

JSC Arnest – Novinnomysk - Stavropol Region - Russia

- 2 – Process Pump sets
- 2 – Off loading pump sets
- 1 – Control panel
- 4 – 450mm Diameter x 4.5mtr High Destenching Column
- 1 – Nitrogen Regeneration Heater





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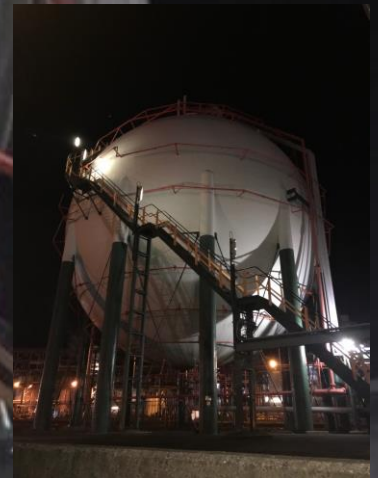
Portfolio of U.K. and Overseas Contracts

OWK (Ost-West Corporation) NovoMoskovsk - Russia

Consultancy Design Engineering for 6000 Tonnes Mounded LPG Storage Vessels and Process Facility – in accordance with UKLPGA Codes of Practice and Gorstgortechnadzor Regulations
Blending Plant to Mass Blend Hydrocarbons to Produce “In Specification” Vapour Pressures for Aerosol Propellants for Re-Sale

Eureka Hallas A.E. – Greece

3 – 16” Diameter Destenching Column Assembly for the Purification of Hydrocarbons





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Portfolio of U.K. and Overseas Contracts

Vosper Thorneycroft - Portsmouth - HMS Excellent – FFTU (Fire Fighting Training Units)

- 2 – 236kW Electric Vaporisers Designed and Constructed to PD5500 category 2 for the supply of Propane Vapour for Fire Fighting Training Units
- 1 – PLC / Control panel
- 1 – Regulator station Duty/Standby

S.P.C.I – Jeddah, Saudi Arabia

- 2 – 200 Tonne Propane Rated Storage Vessels
- 1 – Off loading pump set
- 1 – Transfer pump set
- 2 – Process pump sets
- 1 – 3 Column Destenching Unit capable of removing H₂S - H₂O and Mercaptan at up-to 40Ltrs/min





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Portfolio of U.K. and Overseas Contracts

NCSCM – Libya

- 1 – Off loading pump set
- 1 – 18” diameter Destenching Column
- 1 – Set Pre-fabricated pipe work

Prestogas – Stoke on Trent

- 4 – 25 tonne L.P.G storage vessels
- 1 – Cylinder filling facility
- 1 – Deluge system
- 4 – Process pump sets
- 1 – Pipe work fabrication/Installation



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Portfolio of U.K. and Overseas Contracts

Eurogas – Elland Yorkshire

- 2 – 30 tonne L.P.G storage vessels
- 2 – 20 tonne L.P.G storage vessels
- 1 – Cylinder filling facility
- 1 – Deluge system
- 4 – Process pump sets

Procter & Gamble Ltd

Specified Engineering Consultant for LPG Activities

- 3 – 30 tonne L.P.G storage vessels
- 2 – 12 tonne L.P.G storage vessels
- Process pump sets
- Liquid flow and return ring mains C/W valves and equipment



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Portfolio of U.K. and Overseas Contracts

Afrigas – Sierra Leone

300 Tonne Storage Facility
Road tanker loading bays
Cylinder filling plant
Deluge system
1.6km ship-shore delivery line

Gema Construct: Republic of Congo

2 x 250 Tonne Mounded Storage Facility
Semi-Automatic Cylinder filling equipment
Process pumps
Flow and Return Pipe lines
8" NB Pipe line from Jetty to Facility





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