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We are ULO Systems

With more than half a decade of global experience, ULO Systems is the undisputed leader in the supply of high-quality products and services for grouting applications in the offshore construction industry.

ULO Systems is a Limited Liability Company, incorporated in the United Arab Emirates, and solely owned by Bukhatir Group.



Products & Services

Structural grouting

Today, ULO continues to be an industry leader in the provision of grouting services. We deliver turnkey solutions backed by a wealth of experience, advanced technology, superior equipment and unrivalled technical knowledge.

ULO Systems provides grouting services that meet the most stringent project specifications for the offshore oil and gas, renewable energy offshore wind and subsea sectors. Our team of experienced personnel has been involved in some of the world's largest offshore projects, including compliant towers, deep-water platforms, gravity base structures, subsea templates for TLPs, using both pressure-balanced and displacement grouting techniques.

Our comprehensive range of specialist grouting solutions includes:

- Structural connections, pile grouting to offshore platforms and templates
- Offshore renewables, grouting of mono piles, marine structures and transition pieces
- Structural strengthening, infilling and grouted clamps for the effective maintenance and life extension of offshore assets
- Conductor, caisson and riser repairs to rectify fatigue and/or corrosion issues
- Gravity base and suction pile grouting, using sodium silicate grouts
- Launch rail, bearing pad and pin connection grouting
- Ballasting of buoys, templates and towheads
- Feasibility studies, from conceptual design to detailed engineering
- Design of strengthening schemes
- Preparation of technical procedures and method statements
- Project management, offshore construction and site supervision

Fabric formwork

As the inventor of fabric formwork, ULO Systems is the undisputed market leader in the provision of industrial fabrics used in grouting applications. For over 50 years, we have been researching and developing the best-performing fabric formwork available, and we are always striving for continuous improvement and innovation. ULO's specially designed fabric allows our formwork to displace water and excess fluids during the curing process of the grow, allowing the formwork to develop and maintain its full strength and shape and providing long-term support in every application.

Our fabric formwork can be designed and developed for standard and non-standard application, separating ULO from the competition. Our extensive expertise and ULO's development of a diverse range of specialty products, together with our standard application offering, makes ULO the only genuine full-service provider in the industry.

Our products are often copied, but never bettered. Clients seeking a formwork that functions for a full facility life cycle with no need for further intervention choose ULO.



Precast Concrete Solutions

Mattresses

ULO Systems manufactures purpose-engineered and designed flexible interlocking concrete mattresses, a cost-effective turnkey solution for pipeline protection, stabilisation, crossing supports and scour prevention. Mattresses can be built to perfectly meet client requirements, providing a fully-engineered solution.

Our concrete mattresses can be shipped directly to site in 'kit-form', reducing handling and transport costs. Mattresses are assembled and cast under the direct guidance of ULO supervision to ensure specified QA/QC systems are maintained on every project and every site.



Precast Concrete Sleepers

ULO Systems designs and manufactures a full range of reinforced precast concrete pipeline supports, offering a complete precast sleeper solution. Our team is able to engineer the support structures to meet project requirements.

Additional concrete products, such as gravity anchors and precast concrete bridges for cable & umbilical crossings, can be manufactured in accordance with customer design requirements.



Strengthening, maintenance, modification and repair

The ULO Systems team is experienced in the application of grout for the integrity, maintenance and repair of offshore structures in the oil and gas and offshore win sectors. Our technicians and engineers inspect assets, identify structural problems and recommend a detailed design of strengthening repair scheme.

Services include:

- Appraisal of structural problems
- Outline and design of repair scheme
- Onshore trials to determine efficacy of offshore procedures
- Onsite project management, from fabrication to installation of the outlined repair scheme
- Provision of competent and skilled personnel
- Supply of all specialised mixing, pumping and testing equipment



Consultancy and technical

Our team of highly-qualified and experienced personnel has produced unique solutions to challenging problems, achieving success for our clients around the globe. We consistently produce bespoke solutions, including:

- Deep water diverless grouting at depths over 1,000 metres
- Platform strengthening schemes
- Pipeline bundle repairs
- Annulus grouting of pipe-in-pipe river crossings
- Underbase grouting establish integrity of gravity base structures

We provide our clients with technical support relating to mix formulas, logistics, density and flow rates, including exotic mixes utilising sodium silicate reinforcing membranes, high-density concrete mixes for structural or non-structural requirements and onshore utilisation. Whatever the problem, we have the solution.





Equipment

Our primary equipment is based on the colloidal mixing principle of high-velocity shear action, available in a range of sizes to meet onsite requirements and conditions. Our secondary equipment for structural grouting, including our first-of-its-kind new-generation RJM, expels grout mixes at a high spiral action velocity.

We manufacture all of our proprietary equipment in-house, ensuring it is fit-for-purpose as mobile offshore units that are quick and economical to mobilise and demobilise on project vessels.

We never compromise on quality – all of our equipment is upgraded regularly and fitted with inline measuring equipment. Over the years, ULO has surpassed industry requirements by building numerous aides for installation, placing and handling standard and special pipeline supports. Our fleet is strategically positioned around the world, allowing for unrivalled mobilisation schedules.



CORE VALUES



Vision

ULO envisions continually shaping the offshore industry worldwide effectively, efficiently and safely. ULO strives to be the preferred partner in all areas of operation, from enquiry to execution and close-out, and to set the industry standard for delivery of best-in-class products, services and solutions to every offshore structure and pipeline worldwide

Mission

For over half a century, ULO has been a pioneer and undisputed global leader in the supply of innovative products, services and technical solutions to the offshore construction industry.

ULO builds and maintains proprietary grouting equipment and products, supported by a fully-trained team of permanent staff, to top tier oil and gas industry leaders, making it the global go-to product and service provider.

ULO has penetrated the wind installation application space and continues to thrive by providing excellence, low-risk investments and dedicated teams.

Quality, Health and Safety

ULO Systems is committed to delivering the industry's best products and services to clients and partners through innovative technology and a wealth of experience.

We are proud that in over half a decade of providing grouting services, we have achieved zero lost time incidents. Our commitment to health, safety and quality is unconditional – it's in everything we do.

ISO 9001:2015 Quality Management System

The Quality Management System is applicable to :

Import / Export / Trading of Articulated Pre-Cast Concrete Mattresses in Moulds, Fabric Formwork (Grouts Bags) Manufactured from Woven Cloth for Pipelines / Cables Protection, Support & Stabilization Units, Grouting Equipment & Machinery & Related Spare Parts & Renting of Grouting Equipment to the Marine Construction Industry and Structural Grouting Services & Grouting Equipment Services



ISO 14001:2015 Environmental Management System

The Environmental Management System is applicable to :

Import / Export / Trading of Articulated Pre-Cast Concrete Mattresses in Moulds, Fabric Formwork (Grouts Bags) Manufactured from Woven Cloth for Pipelines / Cables Protection, Support & Stabilization Units, Grouting Equipment & Machinery & Related Spare Parts & Renting of Grouting Equipment to the Marine Construction Industry and Structural Grouting Services & Grouting Equipment Services



ISO 45001:2018 Occupational Health and Safety Management System

The Occupational Health and Safety Management System is applicable to :

Sale and Rental of Moulds Made out of Clothes, Trade of Mechanical Tools for Oil & Gas Fields, Renting Oil Fields Machines and Equipment, Trade of covering Oil Pipelines Materials.



Name of licensee: ULO Systems
(ULO Systems LLC – UAE ; ULO Systems Europe B.V. – the Netherlands)

Facility: Offshore grouting contractor

Name of product: MasterFlow® 9500
Product validated by: DNV.GL – Type Approval Certificate TAK00000T1

Name of licensee: ULO Systems
(ULO Systems LLC – UAE ; ULO Systems Europe B.V. – the Netherlands)

Facility: Offshore grouting contractor

Name of product: MasterFlow® 9600
Product validated by: Independent institutes, in general accordance with offshore standards

Name of licensee: ULO Systems
(ULO Systems LLC – UAE ; ULO Systems Europe B.V. – the Netherlands)

Facility: Offshore grouting contractor

Name of product: MasterFlow® 9650
Product validated by: DNV.GL – Type Approval Certificate TAK0000202

Name of licensee: ULO Systems
(ULO Systems LLC – UAE ; ULO Systems Europe B.V. – the Netherlands)

Facility: Offshore grouting contractor

Name of product: MasterFlow® 9800
Product validated by: DNV.GL – Type Approval Certificate TAK00000RW

Offshore oil and gas

Offshore oil and gas platforms are installed, operated and maintained in some of the world's harshest environments. ULO Systems' significant experience in offshore grouting ensures the foundations of these structures are strong enough to last throughout and beyond their full design life. ULO Systems has been grouting offshore oil and gas structures since 1964. From the UK's North Sea to South East Asia, our solutions reduce installation costs and improve long-term performance. With cutting-edge technologies and over 50 years of international expertise, we deliver cost-effective products and services that are robust enough to meet all offshore oil and gas challenges head on.



Offshore renewables

Offshore wind is quickly becoming a global industry and a sustainable form of renewable energy. Throughout construction, operations and maintenance, extreme challenging environmental conditions and operating parameters are constant issues faced by the whole industry. ULO Systems has over 50 years' experience in offshore grouting and has successfully applied this knowledge and experience to the offshore renewables sector. ULO offers a comprehensive range of offshore grouting solutions for every possible foundation type. ULO Systems' cementitious materials, best-in-class proprietary grouting equipment and DNV-approved operational methods ensure the fast, efficient and safe grouting of windfarm foundations.



Special projects

ULO Systems has undertaken numerous projects which have called for specialised products and services. ULO Systems is a preferred partner for the supply of reliable, high-quality solutions for critical applications across a diverse range of industrial and construction sectors.



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Providing Engineered Technical
Solutions for 50 Years

