

Supplier to the Water treatment, Petrochemical and Oil field industries



OWS

Oil and Water Supplies Ltd

Company Information

Oil and Water Supplies Ltd

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A word from our Managing Director

Oil & Water Supplies Limited (OWS) are a leading supplier and consultant to the Water treatment, Petrochemical and Oilfield industries.

Our constant aim is to supply high quality products, backed up with full technical support and a reliable, efficient and friendly service.

Every client is important to us and every order is processed with the utmost care.

We are an environmentally friendly company.

We believe that we can form a partnership, and together, can achieve great success.



Andrew Hamilton
Managing Director





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Water Treatment Chemicals

Sea & Brackish Water Reverse Osmosis



Supply

We at OWS specialise in both Sea Water & Brackish Water Reverse Osmosis (RO). We will meet all your chemical requirements. Below is an indication of main chemicals within our scope of supply, in relation to SW/BW RO. If you have requirements out with this scope of supply below, please feel free to contact our team, who will be happy to meet your requirements.

Technical

We can also offer a full technical support. Our team can also assist in both the design and process of all types of RO plant.

Logistics

Please note we also provide a door to door service, if required(see logistics).

Product	Function
PRO-TEK 140	pH Correction
PRO-TEK RO-Cleanse 2	Membrane Cleaning
PRO-TEK RO-Cleanse 4	Membrane Cleaning
PRO-TEK CHP	Antiscalant
PRO-TEK STC	Antiscalant
PRO-TEK SBS40	Bi-Sulphite
Calcium Chloride, 77% flake*	Various
Sodium Bicarbonate, 99% powder*	Various

*Please note we can also supply, various product type (ie powder and prills) as well as variance on purities from 74 – 96%.



Water Treatment Chemicals

Boiler

We at OWS specialise in both vapour treatment and boiler chemicals

Below is our specialised fields (function) within the vapour treatment and boiler fields.



Product

- PRO-TEK SB 100
- PRO-TEK SB 140
- PRO-TEK SB 150
- PRO-TEK SB 160
- PRO-TEK SB 170
- PRO-TEK SB 190

Function

- Oxygen Scavengers
- Alkalinity Builders
- Antiscalent treatments
- Condensate Treatments
- Fuel Treatments
- Cleaning & Descaling

TCD/MSF/MED

Supply

**Thermal Compression Distillation (TCD),
Multi-Stage Flash distillation (MSF),
Multiple Effect Distillation (MED)**

We will meet all your chemical requirements. Below is an indication of the main chemicals within our scope of supply, If you have requirements out with this scope of supply below, please feel free to contact our team, who will be happy to meet your requirements.

Product

- PRO-TEK SB 101
- PRO-TEK SB 141
- PRO-TEK SB 151
- VAPGUARD 200
- Calcium Chloride

Function

- Oxygen Scavenger
- Alkalinity Builder
- Phosphate dispersant
- Antiscalant
- Re-mineralization

Technical

We can also offer a full technical support. Our team can also assist in both the design and process of all types of vapour treatment and boiler plants.

Logistics

Please note we also provide a door to door service, if required(see logistics).



Water Treatment Chemicals

General - Brackish Water

We at OWS specialise in all type of brackish water treatment from well to river treatment. We will meet all your chemical requirements.

Below is an indication of the main chemicals within our scope of supply, in relation to general Brackish water treatments. If you have requirements out with this scope of supply, please feel free to contact our team, who will be happy to meet your requirements.

Product

- Alum Sulphate
- Calcium Hypochlorite
- Hydrated Lime
- Sodium Chloride
- Dadmac

Function

- Coagulant
- Chlorine Donor
- pH Adjustment
- Water Softener
- Flocculent



Desalination - Sulphate Removal Package Supply

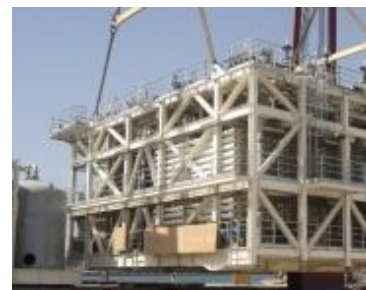
We at OWS specialise in the supply of chemicals to the desalination process known as **Sulphate Removal Package (SRP)**. We will meet all your chemical requirements. Below is an indication of the main chemicals within our scope of supply, in relation to SRP. If you have requirements out with this scope of supply below, please feel free to contact our team, who will be happy to meet your requirements.

Product

- SRP 1
- SRP 2
- SRP 3
- SRP 4
- SRP 5
- SRP 650
- SRP 750

Function

- Antiscalant
- Chlorine Neutraliser
- Non-Oxidising Biocide
- Acidic Cleaner
- Alkaline Cleaner
- Non-Oxidising Biocide
- Non-Oxidising Biocide



Technical

We can also offer a full technical support. Our team can also assist in both the design and process of all types of Water treatment and SRP plants.



Reverse Osmosis Plant



We provide cost effective solutions to almost any water treatment and water recycling problem, no matter how large or small. Whether it be for water used in industry, agriculture, hospitals, food processing local authorities or any other commercial applications, we can provide a bespoke water recycling or water treatment solution including: Membrane Technology, Ultra Filtration, Reverse Osmosis, Sea Water Desalination, Effluent Treatment and Brackish Water Treatment; which will invariably result in higher profitability for the customer and at the same time meet stringent environmental needs.

We Can manufacture in the following areas

Water Treatment and Wastewater Treatment systems specialising in Membrane applications to include Reverse Osmosis,

Ultrafiltration & MicroFiltration system design and manufacture.

Ion Exchange Demineralisation Systems

Desalination Units for High Salinity Sea Water Water Softening, Iron Removal Systems, Multi Media and Carbon Filtration Units are manufactured as stand alone units or pre filtration units within a turnkey process design.

The above equipment and technology is used, amongst other, in the treatment of Borehole, Canal & River Water Abstraction Filtration Units.

We can also offer the option off Build Own Operate (BOO) & Build Own Operate Transfer (BOOT). In association with Kirton.



Drilling & Completion Products



Chemicals

We can supply the following drilling and completion chemicals in association with the worlds leading chemical manufacturers

Calcium Chloride

Calcium chloride is made from the effluents of soda ash production.

Calcium Chloride is drying agent for gases such as oxygen, hydrogen, and nitrogen, it is cooling agent; and anti-frozen agent and ice melting agent. It is also widely used in oil field and chemical industry. Primarily to obtain solids free brine solution in fresh water muds

Potassium Chloride

The chemical compound potassium chloride (KCl) is a metal halide composed of potassium and chlorine. In its pure state it is odorless. It has a white or colorless vitreous crystal, with a crystal structure that cleaves easily in three directions. Potassium chloride crystals are face-centered cubic. Potassium chloride is also commonly known as "Muriate of Potash".

Class G Cement

Class G Oil Well cement is intended for applications ranging from the surface to depths of 2400 meters. It can be used with additives such as accelerators and retarders to cover a wide range of well depths and temperatures. Various other additives for regulating the specific gravity of the cement slurry, and its water retention capacity can also be used.



Materials

We at Oil & Water Supplies Limited, are specialists in the supply of all Desalination equipment through **Pre Filtration / Desal System / Post Treatment**. We can also supply complete Reverse Osmosis Plant. Please see below for a sample of some of the manufacturers we are currently agents for. This gives our current clients the ease of a one stop shop for all their requirements. We not only supply, but also provide technical support. Also, with our logistics department we can offer door to door supply.

Pumps

High Pressure

As an agent of Flowserve , we can supply a comprehensive range of flow management products, in a range of materials from Carbon Steel to Super Duplex Construction. This is also back up with full technical support.



Dosing

We supply all Prominent products, Prominent are specialist in the supply of hardware for water treatment dosing applications.



Plastics

We can supply all Valves Pipe and Fittings in any of the following plastic.

PVC-U, PVC-C ABS, MDPE & HDPE



Materials

Valves

Types:	Ball, Gate, Globe, Check, Butterfly & Block & Bleed	Connections:	Threaded, Flanged, Wafer, Lugged, Screwed and Butt Weld.
Pressure Ratings:	Up to 20,000 psi (Pressure ratings specified may be dependant on size & style of product).	Materials of Construction:	Carbon Steel, Stainless Steel, Bronze, Exotic Alloys (Monel, Hastelloy, Titanium, etc.)



Pipe & Fittings

Steel

Compression Fittings

We can provide a range of Tube Compression Fittings, Hydraulic Hose Couplings, in all materials from Carbon Steel to Super Duplex, including Titanium.

Connections : All options are available with NPT, BSPT, BSPP terminations

Victaulic Couplings

The Brand speak for its self. We can supply the full range of Victaulic couplings, which is an ever improving range.

Fasteners and Hot for Bolts

We can also provide an extensive range of Fasteners and Hot for Bolts. in all materials from Carbon Steel to Super Duplex, including Titanium.



Logistics

Air Freight

We offer airfreight consolidation services to and from any origin to any **destination, worldwide.**

Competitive rate structures on the basis of reliable and IATA registered carriers, house airway bills in order to cut down on minimum charges and optimize chargeable weight, Hazardous cargo handling, Packing, labelling and inspection service.

Efficient customs clearance services at destination. Given the expense of airfreight we take great care in taking all preparations to ensure prompt pre-clearance where possible and urgent dispatch to the final delivery.



Land Logistics



We strive to provide the best domestic transportation solutions possible.

Through the railroads and our contract lorry carriers, with only the most dedicated operations and customer service representatives available around-the-clock, you can trust your shipments to be under watchful eyes from pickup to final delivery.

Sea Freight

We specialise in all mode of sea freight consisting of

- Containers
- Hazardous
- Out of Gauge
- Consolidation

Efficient customs clearance services at destination.
House airway bills in order to cut down on minimum charges and optimize chargeable weight.

Hazardous cargo handling.

Packing, labelling and inspection service.

Our worldwide network of associates & agents ensures timely customs clearance and delivery



We also specialise in Containerised shipping, Import/Export and we can meet all your documentation cutting requirements such as Certificate of Origin, Invoices, packing lists, Bill of lading or any other certification required by customs. For full details please visit our website





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