



Ministry of Economy



*The Israel Export &
International Cooperation Institute*



Israeli Companies at the Offshore Technology Conference 2015

Parkway Asphalt Space

#13443

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The Government of Israel
Economic Mission - US Southern Region

www.israelnewtech.gov.il

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The National Energy and Water Program

Israel NEWTech was established in 2006 under the leadership of the Ministry of Industry, Trade and Labor and with the participation of ten government ministries and official organisations. Israel NEWTech focuses on water and energy technologies and provides an infrastructure that encourages the development of technologies in this sector.

For more information on Israel NEWTech, please visit website: www.israelnewtech.gov.il

The Israel Export & International Cooperation Institute

The Israel Export & International Cooperation Institute, founded in 1958, is supported by over 2,600 member firms, private sector bodies, and the Israeli government. The Israel Export & International Cooperation Institute promotes business relationships between Israeli exporters and overseas businesses and organisations.

Energy & Environmental Technologies Department

The IEICI's Water & Environmental Technologies Department has an intimate acquaintance with the Israeli Water, Renewable Energy & Environmental industry exporters, which includes more than 400 companies, and about 100 start-ups. It has a proven ability to identify and match suitable potential business partners, organising one-on-one business meetings and is a focal point for contacts with the government as well as with the industry. By providing a wide range of export-oriented services to Israeli companies, and complementary services to the international business community, the institute helps to build successful joint ventures, strategic alliances, and trade partnerships. Contact:

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The Government of Israel Economic Mission to the US Southern Region

The Government of Israel Economic Mission is responsible for enhancing bi-national trade relations between the North American and Israeli business communities. By leveraging its networking capacity and industry knowledge in Israel and North America, the Economic Mission is able to seamlessly engage prospective business partners half a world apart. Such actions manifest an array of high-level connections ranging from brokering introductions to organizing trade missions. The Economic Mission's areas of focus span a wide range of industries, including but not limited to: Alternative Energy and Clean Technologies, Telecommunications, Digital Media, Biotechnology, Nanotechnology, Food & Agriculture, Entertainment, Fashion & Design, and Consumer Goods. The US Southern Region's Economic Office is located in Houston, Texas and works directly with 11 US Southern States including Puerto Rico.

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One goal -
Wide
partnership

The Israel NewTech national program is led by:

Ministry of Economy Foreign Trade
Administration - Investment Promotion
Center, Ministry of National Infrastructure

Members:

The Israel Export & International Cooperation
Institute | Prime Minister's Office | Ministry of
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Scientist | The Israel Standards Institute |
Industrial Cooperation Authority | ASHRA
- The Israel Export Insurance Corp. Ltd. |
Economic Planning Administration |
Knowledge-Intensive Industry Administration
| Manpower Training and Development Bureau



Category: Industrial, Municipal, Oil & Gas, Ballast Water, Commercial, Irrigation, Filtration and Water Treatment Solutions.

Sub Category: Drinking Water, Wastewater, Desalination, Process Water, Pre-Filtration for Membranes, Renewable energy.

www.amiad.com

Company profile

Amiad is one of the world's leading water filtration companies. The company provides a range of comprehensive filtration solutions to customers in more than 80 countries, while emphasizing the quality and reliability of its products, overall customer service, and environmental protection. The company was founded at Kibbutz Amiad in 1962, is traded on London's AIM and has 700 employees in Israel and worldwide. In 2010 the company merged with Arkal to form one of the largest global players in the field of water filtration.

Background of the company

Amiad's strategy is based on technological leadership, through supplying green, quality, small footprint solutions that save energy, and require minimum maintenance. The merger with Arkal allows the integrated company to offer additional technological solutions, and develop products based on polymeric materials to resist seawater, chemicals, and corrosion. The merged entity has transformed the company into a central player in global water filtration, which enjoys financial strength, worldwide sales and distribution through 10 wholly owned subsidiaries, and significant technological synergies. The company is currently implementing substantial capital investment to expand its global production capacity in the U.S., India, and China.

Examples of projects

- Pre-filtration for Desalination Projects in Cyprus, India, Australia, Spain, and Israel
- Pre-filtration for Membranes in NEWater projects in Singapore, China and Israel (Ashdod Desalination Plant)
- Iron Removal from potable water in Russia and Israel
- Brine filtration for the Oil & Gas industry in the USA and France
- Protection from Zebra Mussels in Turkey and the USA
- Ballast Water projects
- Filtration of irrigation water supply in various projects around the world
- Various Cooling Water projects around the world in Steel Mills, Power Plants, Automotive, Petrochemical, Food and Beverage Industries, etc.

Technologies & products

The company has the widest filtration product line that includes a range of technologies and products from home filters through large industrial filters for heavy industry (suitable for the supply of more than 6,000 cubic meters per hour/26,000 GPM per unit). The company specializes in automatic filters with self-cleaning capabilities, while focusing on the three main filtration techniques.

1. **Automatic self cleaning suction scanning screens** - a unique technology enabling cost savings and highly refined automatic cleaning (down to 5 microns) for high flow and low pressure, while meeting all international and local standards.
2. **Disc Filtration** - Arkal's global expertise in the complex materials sector allows it to provide unique filtration solutions for irrigation, industrial, municipal and seawater filtration. These filters provide savings, efficiency and resist corrosion. Disc filters can achieve very fine levels of filtration, particularly as pre-filtration to membranes in the desalination market.
3. **AMF Technology (Micro-Fiber)** - enables Amiad to broaden its finest filtration solutions (down to 2 microns) and meet drinking water standards such as the UK's DWI, and standards for treating tertiary sewage (polishing) such as California's Title 22.

Objectives / Target companies

Water Authorities, Municipalities, Engineering Companies, Potential Distributors, Integrators for desalination, all water treatment projects.



Category: Potable water, Wastewater, Desalination, Water security, Mining, Industrial Applications, Lift irrigation projects, Odor Control
Sub Category: Consulting and Engineering services
www.arivalves.com

Company profile

A.R.I Flow Control Accessories Ltd. is one of the leading companies specializing in protection solutions for water systems; protection from pressure transients and entrapped air in pipelines. These are the main causes for pipe burst, collapse and fracture and result in water losses due to leaks and contamination due to release of pathogens.

Founded in 1970, A.R.I Flow Control Accessories Ltd. has developed a wide range of products and special software for various applications in water supply (municipal and domestic), sewage, industry, agriculture and landscaping.

A.R.I Flow Control Accessories Ltd. has an application engineering department which provides surge analysis and protection solutions for water systems including energy saving solutions with the proper use of air valves. A.R.I Flow Control Accessories Ltd. is constantly responding to the demands of an ever-changing market through an on-going development of new products.

The company has established its reputation for advanced, high quality and durable products (mainly air valves and check valves), as well as for dedicated technical support services. All valve models manufactured by A.R.I Flow Control Accessories Ltd. are standard but can also be custom-engineered to meet specific requirements. In the recent years, the company has entered the ongoing worldwide effort for water saving management and developed the UFR (Unmeasured Flow Reducer) for more accurate water measurement and reduction in non-revenue water losses.

A.R.I Flow Control Accessories Ltd. has established its high quality assurance standards in compliance with ISO 9001 and ISO 14001.

A.R.I Flow Control Accessories Ltd. products are made of various metals and non-ferrous materials, varying in size from 1/2" (12mm) to 40" (1000mm) and in working pressures from 0.2 bar (3 psi) up to 100bar (1400 psi).

A.R.I Flow Control Accessories Ltd. products are manufactured in accordance with leading international standards.

The valves are designed with a special emphasis on advanced and innovative design: top performance, lightweight corrosion-resistant materials, minimum maintenance, durability and modern appearance. Several patents have been registered worldwide.

Year of establishment: 1970

No. of employees: 160

Examples of projects

- Barvi Water Works, Jambhu - supplied air valves for a raw water project
- Mina -Anta CU + Zinc
- Milenium Sewage Project - France
- El Chaco - Surprta Project - Argentina
- Algorta Project - Chile
- Barrick Chcamo Alto - Peru
- St. Ives - Kalgoorie WA - Australia
- Collie Coal WA - Australia
- SingSpring Desalination Plant - Singapore
- Magataa SWRO Plant - Algeria

Technologies & products

Air Valves, Check Valves, Unmeasured Flow Reducer (UFR), Back Flow Preventer.

Objectives / Target companies

Consulting and engineering servicing companies for potable water, mining, industrial, desalination & wastewater systems.



Category: Special Hazard and Deluge Valves

Sub Category: Deluge valves, Pressure Reducing systems, Pump control, Monitor valves, Level control, Foam concentrate

Contact: Giora Cameron | Giora@bermad.com

www.bermad.com

Company profile

Efficient, smart and reliable solutions for protecting your most precious resources are as vital as the resources themselves!

BERMAD Fire Protection Solutions offer nothing less.

Founded in 1965, BERMAD knows the value of reliable protection and how best to harness it to customers' full advantage.

Today BERMAD serves global customers in a wide range of fire protection applications.

Bringing together its expertise and know-how, leading-edge technology and precision engineering, BERMAD provides comprehensive, customized solutions for fire protection systems in petrochemical plants - offshore & onshore, refineries, power stations, and public buildings.

Background of the company

BERMAD – a Provider of Water Control Solutions

BERMAD provides comprehensive, customized solutions for the water and air flow control and management of water supply. Specializes in smart Automatic Hydraulic Control Valves and Air Control Valves.

- Euro-Tunnel - La Manche Tunnel
- Troll Project - The largest gas supply project in Europe
- Malpensa - Milan International Airport
- Mount Piper - Power Station, Sydney, Australia
- P57 FPSO, Brazil
- Guangzhou – Exhibitions Center, China

Technologies & products

General description:

The FP 400 and 400Y Torrent elastomeric globe valves are known for their reliable, long-lasting performance, their ease of installation, operation, service and their advanced features.

Function of the product(s):

Elastomeric type globe valves that are rolling-diaphragm actuated, with an Integral, solid, resilient seal. These automatic control valves are designed for vertical or horizontal installation and are available in diameter sizes from 2" to 12"; DN50 to DN300.

Objectives / Target companies

Consulting & Engineering offices, EPC companies, Packagers and end users (such as Oil companies, Petrochemicals plants and others), O&G companies.



Category: Waste water treatment
Sub Category: Industrial waste treatment
www.biopetroclean.com

Company profile

BioPetroClean (BPC) is a clean-tech company specializing in providing biological treatment solutions for various waste water treatment (WWT), based on its proprietary Bioremediation technology, Automated Chemostat Treatment (ACT). BPC treats industrial wastewater in a more efficient, economical and ecologically friendly manner than any currently known process.

Besides the cost savings, BPC solution provides complete process stability; "No UPSETS" is guaranteed once ACT technology is implemented.

Year of establishment: 2006

No. of employees: 20

Examples of projects

BPC has full scale installations that are running smoothly for many years, in different industrial waste water applications including: Oil refineries, Petrochemical factories, oil storage farms and Marine ports. In addition, ACT technology was proven effective in other industrial sector such as Pulp and paper factories, Textile, Food and beverages.

ACT has recently been adopted to deliver significant value for the municipal sewage.

Technologies & products

ACT technology:

ACT closed loop automation together with the unique "sequential bioremediation" guarantees stable output quality also when the inlet COD fluctuates, this feature is especially valuable for plants who wish to re-use the treated effluent.

ACT Available offers: BPC technology can be implemented in a new WWT plant, as well as by applying it as a Retrofit to an existing WWT plants, such retrofits are quick & cost effective and will result in quality improvement, OPEX reduction and ease of use.

ACT monitoring & control system: ACT has a standalone online monitoring & Control module. This module perform online analysis for all relevant parameters and processes the analytical data to close the control loop (perform accurate chemical dosing, Biological treatment nutrient dosing, DO control, flow control, and post treatment polishing) can be added to any WWT plant.

Objectives / Target companies

BPC seeking the opportunities to collaborate with major partners everywhere, such as large engineering firms, EPC's, Oil and Gas corporate headquarter (R&D and/or Operations), in order to accelerate distribution.



Category: Maintenance Optimization Solution
Sub Category: Analysers and Control Systems, Consulting and Engineering Services, Data Analysis
Contact: Yizhak Bot | Bot@bqr.com
www.bqr.com

Company profile

BQR is a world leader in the field of RAMS, ILS and LCC analysis and asset maintenance optimization with an experience of more than 25 years and hundreds of success projects with industry leaders.

BQR developed set of tools that started from traditional reliability analysis and extended the knowledge and tools to utilize the information for both optimization of asset and for the improvement of systems operation.

We at BQR backup the customers with support and flexibility for better utilization and implementation of our tools to adept them to every environment and allow the users to save both in IT costs and in Maximizing availability and reducing cost of assets maintenance.

Background of the company

A BQR was founded in 1989 and since then we at BQR have a history of consistent work with our customers, BQR have large client base that include major industry leaders. BQR tools have a historical and consistent record of successfully modelling and giving excellent results in maintenance optimization, logistics and spare parts policies and strategies that saved the plants owners millions of dollars.

Examples of projects

- Brazil: Petrobras-Campus-Basin-Reduc: optimization of the maintenance model.
- Brazil Petrobras-REMAN Amazonas refinery crude oil supply system,
- Israel: IEC: combined power system optimization
- Holland: stork oil: oil transference pump maintenance optimization

Technologies & products

BQR main products are in the field of maintenance optimization and reliability analysis:

The CARE software in an encompassing tool for all the aspects of reliability analysis that help users plan and create a reliable product with high availability and easy manageable maintenance.

The flag product of BQR is called apmOptimizer and is the most powerful optimization tool in the market (tested for run times and results) that allows users to achieve the maximal availability within existing constraints, the apmOptimizer is capable of handling:

- Spare parts optimization in any system size
- Maintenance optimization for an asset including existing constraints of equipment man power and budget
- Logistic array optimization including achieving the best availability and optimal repair/discard policy
- Using different maintenance scenarios to model the expected production loss under failure of different systems
- Using field data and reliability analysis to better modal deployed assets.
- All the analysis takes into account safety and environmental issues

Objectives / Target companies

- BQR objective is to find Oil & Gas end users that are looking for optimization and savings
- Companies that are implementing control and automation processes for the oil and gas industry
- partners that can add the apmOptimizer as a plugin in data collection programs, EAM and CMMS tools
- BQR is looking also for consulting companies to serve as distributors



Category: Actuators

Sub Category: Pneumatic Actuators, Rotary Actuators, Rack & Pinion, 90 degree actuator, instrumentation & Processing valves

Contact: Inbar Poran | inbarp@egmo.co.il

www.egmo.co.il

Company profile

EGMO, a member of the NEUMO Ehrenberg Group, is a worldwide leading manufacturer of high quality stainless steel products. Founded in 1965, EGMO brings its customers decades of experience in the development and production of an innovative and extensive products range. EGMO is ISO 9001:2008, CE, ASME & CRN certified.

Background of the company

EGMO is part of the NEUMO Ehrenberg Group, a diversified, multi-national organization, with its headquarters in Germany, was founded by Senator Henry Ehrenberg in 1947. The know-how, experience, and impressive track record of its companies, NEUMO, VNE and EGMO, have been garnered over four decades. Today, the group is a leading manufacturer of stainless steel actuators, process fittings and components, with a worldwide distribution network that supports major multinational accounts.

Examples of projects

- Samsung
- Intel
- Global Foundries
- Bayer
- Eli Lilly
- Carmel Olefins Ltd.
- Gadiv Petrochemical Industries Ltd.

Technologies & products

TWISTMax, the new series of innovated stainless-steel actuators offering maximum power in a compact size. The unique design saves you as much space as possible! TWISTMax actuators are pneumatically operated, and their special structure guarantees increased life cycle and reliability. TWISTMax actuators are designed to mount on all types of ball valves and butterfly valves. The TWISTMax can be supplied with either double acting or spring return versions and control accessories.

Objectives / Target companies

Looking for partners that integrate and provide actuators.

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Category: Waste water treatment, Water filtration in the Oil & Gas Industry, Desalination
Sub Category: Automatic Screen Filtration

Contact: Oded Gilboa | Oded@filtersafe.net
Nier Spielberg | nier@filtersafe.net

www.filtersafe.net

Company profile

Filtersafe is leading supplier of filters to ballast water treatment systems the world over. With over 35 years' experience in water filtration, our products have been proven to perform under the rigours of the maritime industry.

Filtersafe has a manufacturing facility in China and offices in China, Germany and Singapore.

Our Extensive R&D programme, stringent quality standards and consistent anticipation of market needs, ensure competitive value across every application.

The filters are design and manufactured under international standard like : DNV, LR and GL.

Year of establishment: 2005

No. of employees: 20-50

Examples of projects

Pre-filtration projects for water injection systems – Malaysia, Holland, gulf states etc.

20 customers in the world Ballast Water market with hundreds of installations on board and on shore.

Technologies & products

General description:

Filtersafe provides maritime and oil markets with complete, reliable, efficient filtration solutions for any type of water down to 15 micron. Our proven Ever-Clear™ solutions offer comprehensive reductions in TSS and organic matter whilst ensuring minimal maintenance is required post installation. We offer an array of product configurations up to 3200m³/hr in a single vessel with 40 micron screens in operating pressures as low as 1.5 bar.

Function of the product(s):

Intelligent fully automatic filtration solutions especially suited to pre-filtration of ultra-fine filters, RO membranes, injection water and disinfection units.

Objectives / Target companies

Oil & Gas companies with requirements for fine filtration of water on rigs, water injection, Hydraulic fracturing, Produced water, on-shore facilities, cleaning of oil pipes.



Category: oil and gas, chemical, petrochemical, pharmaceutical and mining industries

Contact: Gaby Jacoby | gaby@habonim.com

www.habonim.com

Company profile

For over 60 years Habonim has provided superior products and solutions for the oil and gas, chemical, petrochemical, pharmaceutical and mining industries. We engineer and manufacture a full range of floating ball, trunnion, cryogenic, high pressure and metal seat valves, as well as control and automation systems, pneumatic actuators and complex manifold assemblies. We incorporate quality, innovation, reliability and safety into every product and excel at designing personalized, cost-effective solutions to meet unique customer requirements.

Background of the company

Habonim is a leading manufacturer of high-end industrial ball valves and pneumatic actuators. Established in 1949 and headquartered in northern Israel, Habonim is a well-known and much respected company that incorporates quality, innovation, reliability and safety. Habonim exports to over 52 countries thanks to an extensive distribution network including international subsidiaries in the US and Australia, sales offices in the U.K. and China, and a network of strategically located distributors worldwide.

Examples of projects

- NOV and AKER Norway / South Korea - Air compensation systems for deep sea oil drilling rigs
- Gazprom Russia – North gas – trunnion mounted valves up to 12" #600, 250° C
- Baran – Israel gas exploration - high pressure #2500 valves – Safety-Shutoff-Device
- Finland PORI – Cryogenic valves and actuators for LNG terminal
- SOLAR turbines – ESD's closing time less than 0.2 sec

Technologies & products

Habonim's unique offerings to the O&G industry includes:

- Trunnion mounted valves up to 16" DN400 ANSI Class 2500
- Floating Ball valves up to 8" DN200 ANSI Class 2500
- Materials: Carbon steel, Stainless steel, Alloy 22, Inconel 625, Duplex, Super Duplex, 254 SMO, titanium and more
- Metal seated valves for temperatures up to 650° C
- Cryogenic valves for the LNG market down to -264° C
- Control valves based on quarter turn technology
- The unique HermetiX™ stem seal certified to ISO 15848-1, minimizes fugitive emissions
- Company and products certified to API 6D (monogram #6D1278)
- CE PED, ATEX, SIL, DNV and more
- Tailor-made solutions for the O&G industry, including safety shut off devices, multi-valve ensembles and more, designed by a large skilled engineering team
- Unique line of 4-piston compact pneumatic actuators, save volume, weight, and air consumption

Objectives / Target companies

Valves and actuators supply to LNG terminals, CNG distributing systems, Air separation.

- EPC's like: Black & Veatch, Bechtel, Linde, CB&I, Chiyoda, JGC, TGE, Technip, IHI, Fluor, Foster Wheeler
- OEM like: Cryostar, Hammorthy, Chart, Cryonorm, Indox, Cryoenergy
- Endusers like: Shell, Cheniere, Statoil, ExxonMobil, Chevron



Category: Oil Spill Response

Sub Category: Environmental Services,
Emergency preparedness

Contact: Boaz Ur | boaz@harbo-technologies.com

www.harbo-technologies.com

Company profile

HARBO develops an immediate offshore containment boom (floating barrier) that will prevent the disastrous consequences of marine oil spills. Oil spills turn into major disasters due to the simple fact that there are no immediate containment systems onboard large ships and rigs. There is nothing on-site to prevent the oil slick from spreading and splitting. HARBO Technologies introduces the first immediate oil spill containment system.

HARBO's T-Fence™ Boom will be pre-installed at standby positions onboard all potential spill sources. The system simultaneously produces and deploys 6,000 feet of boom in two hours. The revolutionary T-Fence™ is the smallest and the lightest containment boom in the world. It weighs less than 1/15th of traditional booms and captures a fraction of the storage space. HARBO provides an inexpensive and cost-effective solution. The advantages: minimizing environmental damage, avoiding large cleanup expenses, enhancing all existing oil spill treatment methods (skimming, dispersing, in-situ burning) and preventing a financial and PR nightmare.

Background of the company

HARBO Technologies was founded in 2013. HARBO won first place in the Energy and Cleantech track of the UC Berkeley Startup Competition.

HARBO was recently covered in the Economist.

HARBO's product was recently successfully tested at OHMSETT.

Technologies & products

HARBO's technology is patent pending and was recently successfully tested at OHMSETT.

HARBO's Technology is applicable around the globe, on-board oil-tankers, freighters and rigs, as well as in ports and marinas. In addition to the traditional oil exploration areas, HARBO's products are especially useful in new oil exploration areas, coastal infrastructure and near environmentally sensitive areas.

Objectives / Target companies

HARBO Seeks to partner with Oil Companies, Oil Service Companies, Environmental Services Providers and Oil Spill Responders from around the world.



HOP Engineering Ltd.

Category: Water treatment

Sub Category: Scale and rust control in water systems

Contact: Roni Levy | roni@hop-pth.co.il

www.hop-pth.co.il

Company profile

Year of establishment: 1994

No. of employees: 30

Background of the company

Hop Engineering manufactures the P.T.H – Water Improver to prevent damages caused by scale and rust in hot and cold water systems.

Over the past 4 years the company has been exporting the P.T.H worldwide to the Oil and Gas industries.

Examples of projects

Onshore PTH installations:

- P.T.H was installed in oil production wells in Asia to protect the Piston pumps from damage caused by scale and deposits, and to prolong production lifespan. The normal cycle of maintenance had been to remove and replace the piston pump every 2 weeks. After installing the PTH, the maintenance cycle has now been extended to 24 weeks.
- P.T.H was installed in oil production field I in Asia, on a pipe that brings the oil solution from the well to the tank. The PTH replaced the chemicals reagents injection, saved considerable costs, and has prolonged the life span of the pipeline.

Technologies & products

General description:

The PTH is installed in a wide diversity of water treatment applications to control scale and rust.

Our clients include companies in the oil and gas industries, steel factories, Coca Cola, Mines, Water factories and more.

Function of the product(s):

The PTH technology is unique. The device is made from a stainless steel cylinder and an alloy made from noble and semi noble metals. When water flows through the PTH it produces weak electric fields and hydrodynamics forces. These forces prevent the adhesion and cohesion of the water-borne mineral particles (Mainly carbonic salts, calcium and magnesium).

Objectives / Target companies

We are looking for new connections with Oil and Gas companies, Tools companies & maintenance companies worldwide.

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Category: Drinking water and waste water treatment systems for the Municipal and Industrial areas

Sub Category: Water Filtration, Sea Water Desalination, Waste Water Treatment and Recycling

Contact: Menachem Gertner | menachem@Odis.co.il

Victor Contreras Gonzalez del Pozo | Victor.contreras@proersys.com

www.odisfiltering.com | www.odis.com.mx

Company profile

Odis is a world wide provider of state-of-the-art Water Treatment plants and solutions. It has over 27 years of experience in the design, manufacturing, installation and commissioning of water treatment plants which enable turning sea water, ground water, surface water or wastewater into quality water.

Among our worldwide customers you can find reputable multinational corporations, national water supply companies, municipalities and government agencies.

ODIS has used its many years of experience in the industry to develop complete treatment systems.

Odis' modular approach provides our customers with easy to operate and cost-effective plants. The units are trouble-free systems capable of enduring in any operating environment with minimal maintenance efforts.

Year of establishment: 1978

Number of Employees: over 230

Representative in Mexico: Odis Asversa S.A DE C.V.

Technologies used

Odis uses the most advanced technologies to provide the best solutions tailored to the customers needs. Water and Waste Water Treatment technologies:

- Membrane technologies for water desalination, demineralisation and purification. This includes Reverse Osmosis (RO), Micro Filtration, Ultra Filtration and Nano Filtration technologies.
- Deep bed multi-media filtration & Activated Carbon absorption.
- Sedimentation and Settling & MBR Biological Reactors
- Oxidation
- Separation
- Disinfection
- Ion Exchange.

Projects and past experience

ODIS offers a variety of contract forms such as BOO(T), and turnkey projects. ODIS has a worldwide presence, with projects in Europe, Asia, USA, South America, Australia and Africa. Many of our clients are government customers and State water companies such as Columbia Metropolitan Airport USA, Hydroven- Venezuela, DSI-Turkey, Mekorot- Israel, United Nations Peace Keeping Missions and the Israeli Air Force. Among our Business customers, one can find Heinz, Ford, Schering Plough, food industry, oil refineries and many others known companies worldwide.

Some of our recent projects are:

- A turn-key project for the supply of an industrial water treatment plant for Chile food industry with the capacity of 2,400 M³/day
- A turn-key project that provided a Brackish Water Desalination Sulphite removal Plant for a government water supplier- Mexico with the capacity of 20, 000 M³/day.
- The supply of more than 200 (Two hundred) compact and mobile water desalination plants to the UN Peace Keeping missions.
- The construction of water treatment plants in Romania as part of a World Bank's project. The project provides purified water to over 600 villages in rural areas of that country.
- Mekorot - Israel National Water Company: Brackish Water RO Desalination Plant.
- Electrical Power Station - RO desalination plant for boilers feed water.

Objectives / Target companies

Local authorities such as local municipalities, water supply companies. Industrial end customers such as: Power Stations, Hotels and hospitals, Chemical and Pulp & Paper companies. Potential partners such as: Engineering Companies, Integrators Large Civil contractors that work in the water industry.



Category: Corrosion/Abrasion Control
Materials, Tubulars & Piping

Contact: Ethan Matlaw | ethanm@pcoatings-tech.com
www.pcoatings-tech.com

Company profile

PCT converts the surface of aluminum into a thin ceramic protective layer resulting in a rare combination of hardness, corrosion and wear resistance. PCT's breakthrough method can be implemented in large structures, while nano-based secondary sealers provide ultimate corrosion protection in harsh chemical or wear environments, excelling in sea environments, replacing titanium, stainless steel and exotics.

Year of establishment: 2011

No. of employees: 30+

Background of the company

PCT is a subsidiary of IDE (www.ide-tech.com), a world leader in water desalination and energy conglomerate Delek Group (<http://www.delek-group.com>)

Examples of projects

Surface protection of aluminum tubing installed in water desalination, heat exchangers, slurry transport, down hole service tools.

Technologies & products

General description:

Protective Coating Technology (PCT) is a revolutionary surface protection technology that can be applied to a wide range of Aluminum, Magnesium and Titanium alloys. Using an exclusive anodic oxidation technique, PCT converts the metallic surface into a thin, dense, and very hard ceramic layer that provides a rare combination of hardness, strength and resistance to wear and corrosion, unmatched by other conventional surface treatments. PCT builds turn-key coating lines at or near the customer location, or at local service centers.

Function of the product(s):

Surface protection of aluminum, magnesium and titanium against corrosion and wear in harsh environments.

Objectives / Target companies

Manufacturers of aluminum tubing, project engineers seeking significant material cost savings by replacing expensive exotic materials with light, economical PCT-protected aluminum in water desalination, heat exchanging, drilling, slurry transport, and down hole tools.

STRAUSS & CO. INDUSTRIAL DIAMONDS LTD •

Category: Drilling tools – manufacturing
Sub Category: Diamond tools for PDC drill bits manufacturing & refurbishing

Contact: Shlomy Rubanenko | Shlomy@strauss-co.com
www.strauss-co.com

Company profile

Strauss is a manufacturer of high quality electroplated and Vacuum brazed diamond & CBN tools Since 1970.

We are dedicated to developing new cutting edge products with the highest quality. The company is - **ISO 9001:2000, ISO 14001, ISO 13485** certified, and all our dental tools meet rule 93/42 EU and are FDA & CE certified.

Strauss recently started to supply some companies in the Oil & Gas Fields.

For this sector Strauss manufacture high Quality Diamond burs / Bits that are used in the production process of large PDC Drills.

Background of the company

A few words about the background of the company and when it was founded.

Strauss was founded in 1970 in Israel.

Strauss sells today to over 50 countries via our global sales organization, which keeps track of the latest innovations, developments and materials in the cutting & grinding fields with super abrasives products.

“Strauss & Co.” consists of 3 divisions:

- Industrial Diamond & CBN Tools - Tools for grinding, cutting, filing and polishing of a variety of metals and composite – files, pins and wheels.
- Dental Rotary Instruments – dental burs for dentists - multi use burs and pre-sterilized single use burs to suit every use.
- Vacuum Brazed Diamond & CBN Tools - production of custom made profile tools for the ceramics, metalworking and composite material markets.

Examples of projects

Strauss recently started to supply some companies in the Oil & Gas Fields.

For this sector Strauss manufacture high Quality Diamond burs / Bits that are used in the production process of large PDC Drills.

Technologies & products

Our tools offer superior performance both in quality of the grinding and in the lifetime of the burs ,to the current items in use in the PDC drill bits manufacturing process. The burs are offered with a competitive pricing.

Objectives / Target companies:

- Meet business partners that manufactures / refurbish PDC drill bits and to start some business communication with them.
- Offer our tools to other segments of this market who uses electroplated diamond tools.



Category: Cable - Power, Control, and Instrumentation Cable, Electrical Systems and Transmission Equipment, Switch Connector, Enclosure, Data Acquisition, Storage and Transmission, Ship Building and Repair

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Company profile

TELDOR is a leading manufacturer in the development and production of advanced electronic, Fiber Optic, instrumentation & control, low voltage power, BUS cables and data communication cables for the marine environment in general and for offshore applications in particular.

Background of the company

The factory was established in 1966 at Kibbutz Ein-Dor, Israel.

TELDOR has gained an international reputation for its fast response, extensive service, custom cable design and outstanding quality.

Examples of projects

- Nevada Hospital Association ("NHA") Nevada Broadband Telemedicine Initiative ("NBTI") Project.

Technologies & products

Major Product Lines:

- Military/Marine/Oil & Gas Cables (DNV/ABS – Certified)
- Computer, LAN and Data-transmission cables
- Fiber-Optic and Hybrid cables
- BUS and Industrial Ethernet Cables
- Instrumentation, Thermocouple and Process-Control cables
- OSP Copper cables – RUS PE- 89, 39, 38, 22
- High-frequency Coaxial cables
- Microphone and Audio-frequency cables
- Electronic and Control cables
- Power and Lighting cables

Objectives / Target companies

Teldor is looking for long term business relationship with companies required all type off communication & control/signal cables for the offshore and marine market, also we are looking for EPC companies due to the technical support we can offer.



The Israel Export & International Cooperation Institute

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