



Treating Water is a Noble Endeavor

WEMS

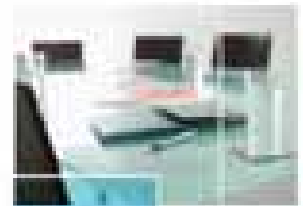
Water Engineering and Management Services





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WEMIS GROUP



Corporate Profile

WATER ENGINEERING & MANAGEMENT SERVICES (PVT.) LTD.

WEMS Group is one of the leading group of companies operating in the field of water and wastewater treatment plants, equipments and services. Water Engineering and Management services was initially formed in 2001 by a team of professionals who has extensive local and overseas experience in the design, manufacturing, installation, commissioning, operation and maintenance. WEMS initially focused on Water Treatment Systems to meet the requirement of industrial sector and community. Over the time, the company product mix has naturally evolved to fill other utility related needs in addition to fresh water production, process water, dyes purification, Industrial wastewater and domestic sewage treatment. WEMS Industrial product and manufacturing division played important role in the growth of the Company. WEMS Product Division offer reliable equipment, instruments and packaged type systems and engineering products.

WETCO INDUSTRIAL SERVICES

Wetco Industrial Services was incorporated in year 2004 to provide focused after-sales services to valued customers. Wetco's team of professional was fully trained and extensive experience in the operation and maintenance of water and wastewater treatment plant. Wetco has technical support and training for the application of various chemicals from well renowned manufactures like ETI - USA, Environmental Leverage Inc - USA and other reliable global manufactures offering speciality chemicals in the water & wastewater treatment, boilers, cooling towers and heat exchangers.

INT'L WATER ENGINEERING & MANAGEMENT SERVICES LLC.

Looking into the growing market in this field WEMS group has established a company "International Water Engineering & Management Services, LLC (Int'l WEMS), which has its registered office at Abu Dhabi. The objective of this company is to extend operations in gulf region by provide turnkey solutions in the field of water and wastewater treatment along with the operation and maintenance of the plants. Int'l WEMS will have strong backup support in the field of design, engineering, manufacturing, installation and commissioning of plant from head office at Pakistan. A team of professional has been deputed to provide the effective after-sales services to valued customers in this region.



Customer Satisfaction

Customer Satisfaction

We are a client centric organization and believe in offering our water and wastewater treatment systems as per the industrial standards of quality. We follow an ethical business policy by adopting fair means and thereby spreading our presence in the most efficient way. Our array of water treatment plants and systems is specifically designed to meet the specific demands of our customers. This enables us to satisfy our customers, completely. To maintain our high customer satisfaction level, we address all their queries within the set time frame and accept their recommendation for the improvement in our products.

The essence of our continuing excellence rests in our desire to achieve "continued customer satisfaction" providing our clients with comprehensive and integrated engineering and manufacturing solutions that add value well beyond project execution.



Research & Development

Research & Development

Our company has a team of research experts whose main objective is to ensure development of our water treatment systems through innovative techniques and processes. They manage the research and development department, which is equipped with latest tools and equipment to assist in analyzing the data acquired by the researchers.

First, the researches are conducted to find out the most feasible and effective new development in the segment of water processing. The new development can be based on a technology, process, or design. The new developments are analyzed with respect to the company's resources. After the confirmation regarding its feasibility and effectiveness, the development is suggested to the concerned department.





Vision

Vision

We aim to become trust worthy partner in the field of water treatment and engineered products by providing Quality benchmark and cost effective solutions to our customers specifically in our region and around the globe through technology, creativity and devotion.

Mission

Mission



WEAS Group will give effect to the company vision by employing well qualified & motivated individuals and/or through strategic associations & alliances with other leading organizations in the field of water technology. Use will be made of the best systems and technologies available to meet the objectives efficiently, affordably & provide the highest quality Water, Wastewater treatment and engineered to customers specific requirements. All activities will be performed according to code of conduct which aims to be fair, courteous and considerate to fellow colleagues, suppliers and clients.



Corporate Responsibility

Corporate Responsibility

Corporate Responsibility is about how organizations align their values and behavior with the expectations and needs of their stakeholders. WEAS believe in the core ethos of sustainability, our business has a heritage founded on the principles of providing improvements to environment.



Quality Policy

Quality Policy



WEMS Group is committed to quality & excellence with the following guiding principles:

Customer Satisfaction

Conformance to highest quality standard

Respect for Employee development & motivation

Continual Improvement



These guiding principles set the framework for the following quality objectives:

Quality Of product & service

Timely delivery of product & service

Efficiency of internal processes

Continual development of human resources & knowledge

Continual development of products

Field Of Experties

Field Of Experties



DRINKING WATER TREATMENT

- Reverse Osmosis
- Nano Filtration
- Ultra Filtration
- Dye Purification
- Demineralization
- Softening Plants / Ion Exchange
- Lime Soda Softening
- Sand Filter
- Multimedia Filter
- Activated Carbon Filter
- Iron Removal Filter

WASTEWATER TREATMENT

- Industrial Wastewater Treatment
- Sewage Treatment
- Package Sewage Treatment
- Oil Water Separator
- Clarifiers
- Recycling Of Wastewater

OPERATION & MAINTENANCE

The company offers a complete solution through consultation, operation and maintenance services in the treatment of drinking and industrial water, municipal sewage plants, industrial wastewater treatment plants and desalination water treatment plants. We offer a full service package that guarantee maximum operational safety while at the same time committing to excellence. The company's workforce ensure its customers are fully satisfied with its full service concept.

Our individual coordination takes place prior to commitment of the work in order to avoid unnecessary expenses for the client. We offer our customers individual service models for the economic operation of plants.



Water Treatment

Water Treatment



Water Treatment

Water Treatment

Pure drinking water, will be in permanent demand for ever, and we have ensured to retain the pole position in this rapidly growing sector. by ensuring complete understanding of the clients requirements, Our wide array specially designed superior quality of Industrial water treatment system which has gained us national and international reputed surpass by none. We are manufacturing an assortment of water treatment plants tailored to customer requirement. Our Water Treatment product line includes:

Reverse Osmosis Plant

With the help of our modern manufacturing facilities, we produce an array of skid mounted as well as packaged industrial R. O plants with customized design to meet the specific requirements. These are widely used for Industrial water treatment as well as drinking water treatment. It removes dissolve salts, eliminates hardness, microbiological impurities such as bacteria and viruses, chemicals, pesticides and other kinds of dissolved and suspended solids. Our range of Industrial Reverse Osmosis Treatment Plant is meant for effectively purifying colored and salted water.

Demineralization Plant

Demineralized water plant is based upon ion exchange technology. It comprises of two or more vessels filled with strong/weak acid cation exchange resin and strong/weak base anion exchange resins. The column is designed to meet the specific requirement. WEMS has technological support in the design of co-current, counter current & packed bed type ion exchange system. These Systems are designed and manufactured under Rohm & Haas License.



Water Treatment

Water Treatment



Water Treatment

Water Treatment

Softener

Our qualitative range of water softener helps us to remove the hardness of the water caused by the presence of calcium and magnesium. Our water softener is charged with cation exchange resins in sodium form. Series softeners are designed for longer operating cycles, low regeneration cost. The systems incorporate the proven technique of counter and co-counter current regeneration flow rate to economically to suit the demand of soft water for industries and commercial use.

Sand & Multimedia Filters

WEMS multi-media water filter systems are ideally suited for use where stringent water quality standards are required or where higher levels of suspended solids are present. These applications can include reuse applications, water pretreatment applications for reverse osmosis and deionization systems or as a pretreatment system prior to disposable bag or cartridge filters. WEMS multi-media water filter systems are also widely used as primary water filters for removal of suspended solids in incoming plant water or in waste water clean up applications.

Activated Filters

WEMS designs & manufacturer carbon filters, and purification systems, including drinking water & wastewater treatment and sugar decolouring or purification. We provide custom design for the majority of water, food or industrial granular activated carbon filter. From drinking water and wastewater treatment, to odor control, to chemical and pharmaceutical manufacturing or processing, WEMS has the experience and capabilities that provide value to your every day business.



Wastewater Treatment

Wastewater Treatment



WEMS applies numerous process and state of the art technologies to treat wastewaters of diverse types of industries such as textiles, pharmaceuticals, chemicals, foods, pulp & paper. The scope of WEMS's works covers both supply of standards equipments, design and supply of customized system through to the commissioning stage.

WEMS wastewater treatment plants cater for a wide spectrum of applications requiring aerobic, anaerobic, oil separation, physiochemical, dissolved air floatation and disinfection processes.

WEMS has implemented various scale sewage and industrial waste water treatment. These plants are comprised of all or part of the components: raw wastewater pumping stations, screens, Flow Measurement, primary Clarifiers, aerobic Basins, anaerobic Basins, and Secondary Clarifiers, Tertiary treatment, sludge Digesters, sludge dewatering Systems.

WEMS specialist includes engineers, chemists, biologist and environmentalists has been involved in process design, engineering, construction and operation & maintenance.

Package Type Sewage Treatment

Package Type Sewage Treatment



We offer technically advanced package type sewage treatment plant, which is used to treat large amount of sewage effectively with a combination of several steps, our plants treat the toughest sewage with out using much power. The designing of the plant is done by experienced engineers to make ideal for respective stage.



Applications

- Oil & Gas installations, drilling facilities, off-shore platforms, pumping and compression stations, refineries, marine terminals
- Working and construction camps
- Resorts, Hotels, Campings
- Military camps
- Camps for refugees
- Hospitals and health centres
- dairies - dairies
- Farming industry

Benefits

- Advanced Design
- Resistant to corrosion
- Faster cycle time
- Easy to maintain
- Easy Operation
- Low Cost fresh water supply
- Low noise level - no smells



Engineering Works

Engineering Works



Pressure Vessel

Storage Tanks

Skidder

Steel Structure / Skid

Piping Fabrication

Assembly/ Testing



WEMS Engineering Works has the fabrication facility which is supported by an in-house design unit. It includes all the required designing amenities, to provide turnkey designing services for water and wastewater treatment equipment. The systems are designed strictly as per the specific needs of our customers.

WEMS has made the commitment to its customers and employees to have the tools and facility to produce the highest quality fabrication. WEMS is constantly upgrading our industrial fabrication facility with state-of-the-art equipment to make this possible. We maintain comprehensive technical standards and have stringent quality control and assurance procedures, allowing us to deliver consistent, high quality projects.

Our manufacturing facility has the capability to fabricate equipment, involving carbon low-alloy, high - alloy stainless steel and various non ferrous materials.

Wetco Industrial Services

Wetco Industrial Services



OUR AREAS OF EXPERTISE

- Cooling Water Treatment
- Close Circuit Water Treatment
- Boiler Feed Water Treatment
- Reverse Osmosis Plant Treatment
- Waste Water & Canal Treatment
- Surfactants & Antifouling Agents
- Process / Fuel Oil Treatment
- Bio-Augmentation

Having an exclusive full line distribution arrangement with Eastern Technologies Inc-USA and Environment Leverage Inc-USA, WETCO Industrial Services has been setup in Pakistan since 2004 with an objective to provide all the Water Treatment users with a comprehensive package of quality chemicals & back up technical support services at very attractive cost. If your present treatment is the base of expensive down times, contact our representative and let us prove you how our superior products & services cut your cost & shutdowns.

SERVICES

Even the most experienced engineers / supervisors require the latest information on the product, operating procedures and equipment for perfecting their job. Our team of qualified staff supported with our in house laboratory facilities, on job training program, after sales services offered to our clients, Our Principal's assistance in their difficulties have resulted a wide network of "Finally happy & contented customer network". Today our customer network includes Fertilizers, IPPs, Petrochemicals, Oil & Gas, Refineries, Textiles, Buildings, Foods & Beverages and Chemical Industries.



Laboratory

Laboratory



(WETCO solves all your water analysis needs)

WETCO Testing Laboratory facilitates its clients with all the water testing with the most sophisticated equipment of our laboratory in Lahore. We have proven expertise in the full range of cooling water, boiler, reverse osmosis, waste water & condensation quality testing.

While having a strong belief as "Laboratory is the backbone in our business" We followed by the ASTM standards perform all the Water & Microbiological tests (whether it is Waste or Effluent water, RO water, Open or Close circuit Cooling Water, Boiler Feed / Condensate Water) in order to achieve all the process control parameters further smothering the operations & maintenance of the plants.



Technological Collaboration

Technological Collaboration



ASSOCIATION OF 3 Co., Ltd.

An ISO 9001:2000 Certified Company

WEMS has technological support from Associate Of 3 Co in the design, solution and manufacturing, our supply of related to water treatment.



Association of 3 Co., Ltd was established in 1993 and has built into a very successful organization for supplying and manufacturing for water and wastewater treatment equipments. The system can be arranged for various applications like clarification, wastewater sludge scraping, dissolved air flotation scum removal and solid waste handling.

These equipments are superior in design and engineering, quality, cost and their durability unmatched by others. The system sophisticated and proven technology make them power saving, less maintenance, low investment and client particular requirements.



OUR RANGE

Fine Screen

Coarse Screen

Air Diffuser

Dissolved Air Flotation

Circular Clarifier

Rectangular Clarifier

Traveling Bridge

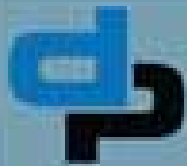
Skidless Screen

Flap Gate



Technological Collaboration

Technological Collaboration



DP PUMPS

MANAGING THE DYNAMICS OF WATER

DP Pumps is the expert division of the company Duijvestein Pumpen, located in Netherlands and the manufacturer of vertical pumps, booster sets and the tailor made turnkey projects in the field of water management. DP Pumps export our product to over 100 countries through local distributors. We have exclusive distribution rights for Pakistan.

We are specialized in the field production of stainless steel pumps, but in the course of time we have developed more and more into many sided partner in the field of water management. Our capabilities include not only in the production, but also the design and engineering of problem solving pumps and pump systems.

Our products are applicable in many fields such as the building industry, food and beverage industry, irrigation and water treatment.



PRODUCTS

Vertical Pumps

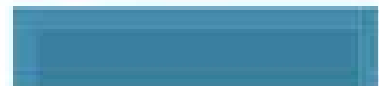
Booster System

Controllers

Controller Software

Wastewater Pumps

Headers, Accessories, Etc



Technological Collaboration

Technological Collaboration

EMEC



Emec Srl is a leading company in the field of metering and control systems of chemicals for the water treatment in the manufacturing and industrial processes. Emec offers a wide range of metering pumps, control instruments, electrodes, sensors, mixers, tanks and control process.

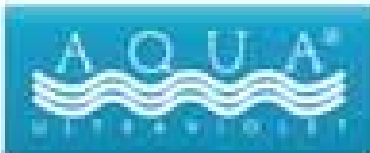
Emec products, employing advanced technology, are result the result of planning capability and experience. All the devices are subject to close inspections before packaging and forwarding.

A team of experts develop constantly new products and advanced technical features according to the customer's requirements and special market demands.



Technological Collaboration

Technological Collaboration



Aqua Ultraviolet is a professional water sterilization company with a broad range of water solutions. It installs, maintains, and designs ultraviolet water disinfection solutions since 1975. Some core features of the company include skilled experienced technical personnel and products under strict quality control.

Main products by Aqua UV are Drinking Sterilizers, Swimming Pool Sterilizers, Air Sterilizers and Classic Sterilizers.



UV Sterilizers

Filters



Air Sterilizers

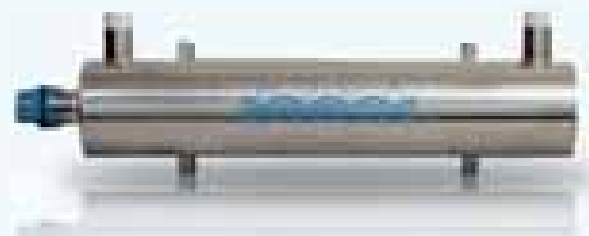
Clear-line Irrigation
UV Ozone Combo



Power Controllers



SEPA



Wems Family

WEMS Family



1 FERTILIZERS SECTION

ENGRO FERTILIZERS
FATIMA FERTILIZER COMPANY

2 ENGINEERING & POWER SECTION

DESCON ENGINEERING
TNB LIBERTY POWER
LIBERTY POWER TECH
THAMES WATER ASIA PACIFIC
JGC - DESCON
GULF RENTAL POWER

4 TEXTILES MILLS SECTION

NISHAT MILLS LIMITED
KOHINOOR TEXTILE MILLS
SAPPHIRE TEXTILE MILLS
GUL AHMAD TEXTILE MILLS
CHENAB
MUSTAGIM DYING & PRINTING IND
NISHAT CHUNIAN MILLS
GULISTAN GROUP OF COMPANIES
US DENIM MILLS
US APPAREL & TEXTILES
BISMILLAH FABRICS
BISMILLAH TEXTILE
UNION EXPORT
FAISAL ASAD TEXTILE
NAVEENA EXPORT
SAAREENA DYING & FINISHING
ZAHID JEE

5 FOOD & BEVERAGE SECTION

COCA COLA BEVERAGES PAKISTAN
COCA COLA EXPORT CORP.
ASIAN FOOD INDUSTRIES
RAFHAN MAIZE PRODUCTS CO.
FARAZ FOODS
HALEEB FOODS
ENGRO FOODS
PEPSI COLA INTERNATIONAL
NESTLE MIXPAK

2 PETROCHEMICAL SECTION

KCI PAKISTAN
PAKISTAN STATE OIL
SITARA CHEMICAL INDUSTRIES
SITARA PEROXIDE
MOL PAKISTAN OIL & GAS CO.
PETRONAS CARIGALI PAKISTAN
PRESSON DESCON INTERNATIONAL
4B INDUSTRIES
CHINA PETROLEUM ENGG. & CONST. CO.

LIBERTY MILLS
AZGARD9
HIRA TERRY MILLS
ARZOO TEXTILE
M.K. SONS
MONNOO INDUSTRIES
ARSHAD CORPORATION
INTERNATIONAL TEXTILE
INTE LOOP PRIVATE
PREMIUM TEXTILE MILLS
SADAQAT TEXTILE MILLS
LUCKY TEX
DIN TEXTILE MILLS
SHAFI TERCEL
ARTISTIC MILLINERS
SOORTY DENIM
ACS TEXTILES

6 MINES SECTION

D.G. KHAN CEMENT COMPANY
GHARIBWAL CEMENT
ATLAS HONDA
LAKSON TOBACCO COMPANY
PAKISTAN TOBACCO COMPANY
TRIPACK FILMS
POPLOK & COMPANY
CENTURY PAPER MILLS

7 PHARMACEUTICALS SECTION

SHAIKAT KHANUM CANCER HOSPITAL
ABBOT LABORATORIES PAKISTAN
MEDIPAK
CHS PHARMACEUTICALS

Certificates





HSE Policy

HSE Policy

At WEMS personnel safety, health and the protection of the environment is of the prime important. The management providing facilities that are both safe and healthy for employees. We believe that there is no business more important than the well being of all involved parties in our operations.

Adherence to our HSE policies, the government policies and the customer's policies is a top priority, not only for managers and supervisors, but also for each employee all of whom must understand that he/she is the manager of his/her own safety and the safety of co-workers.

WEMS recognizes the responsibility and obligation to protect and preserve the environment. All workers are strict to ensure minimum impact and shall restore the environment fully if any damage is caused by unavoidable circumstances.

In order to implement our policy, the HSE program shall include, but not limited to the following:

- Provide training to all employees and strictly adhering to the statutory regulations.
- Providing all required safeguard to the maximum practical extent possible. Fully following stringent code of manufacturer's recommendation with no deviation or shortcuts.
- All sub-contractors working for WEMS must follow this policy.



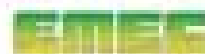
Vendors List

Vendors List

Major Equipments



Instruments Control



Chemicals





W E M S

G R O U P

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Engineering Works

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Water Industrial Services

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Fax: +92 42 35203623, 35160529
Email: info@wemsglobal.com
www.wemsglobal.com

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Engineering Works

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Export Office:

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Fax: +92 41 8555339