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HALSTON

Introduction

Halston water equip. ind. co. llc is an engineering company holding ISO 9001:2015 for water treatment plants and equipment's since 2011, located in Sharjah, UAE. Halston technologies offer complete solution for water and waste water treatment applications and also provide related components. We are specialist in design, installation and commissioning of water treatment plants.

Halston Technologies provide ranges of Reverse Osmosis (RO) water purification plants. Our treatment systems use quality components for systems reliability; precision engineering and designed to produce high quality drinking water to ensure maximum safety for our customers.



Halston provides water treatment and water reuse technologies for Industries , hotels, villas, hospitals, tarry camps, oil rig and accommodations.

Halston will always make efforts to provide high quality products, project management, excellent after sales support to customers both domestic and international by relying on our advanced technology.



FILTRATION SYSTEM

Halston Solutions includes various kinds of filtration solutions for water & waste water treatment which are available in skid mounted, 20ft or 40ft containers and non-containerized (building installed) plants with a wide range of capacities and applications.

Activated Carbon Filtration (ACF)

Multi Grade Filtration (MGF)

Ultrafiltration (UF)

Cartridge Filtration (CF)

Ion Removal Filtration (IRF)

Softener Filtration (SF)

Demineralization filtration (DMF)



ULTRA-FILTRATION PLANT

The ultra-filtration plants offer the highest level of purification, which in turn, denotes high water productivity. **The systems are used for removing the particulate matters, silicates, insoluble irons, micro-organisms and reducing the turbidity, suspended solids and colloidal material.**

Halston Solutions includes ultra-filtration plant for water and wastewater available in skid mounted, 20ft or 40ft containers each with a wide range of Capacity. **And also provide the option of non-containerized plants for larger treatment capacities.**



REVERSE OSMOSIS PLANT

BWRO, HBWRO & SWRO

Reverse Osmosis, a water treatment method traditionally known for removing salt from water and, is also used to purify drinking water by forcing untreated water molecules through a semi-permeable membrane or filter. **The membrane blocks contaminants and the impurities are subsequently expelled from the environment. The result is pure, clean water.**

Halston offers reverse osmosis based purification plants for various application. **The systems offered by us brings maximum recovery, less operating cost long time reliability and best performance.**

Halston Solutions includes reverse osmosis plant for brackish, high brackish & seawater available in skid mounted, 20ft or 40ft containers each with a wide range of Capacity. **And also provide the option of non-containerized plants for larger treatment capacities.**





SEWAGE TREATMENT PLANT

Sewage treatment plant are classified into two broad categories industrial and commercial. **The treatment method is selected on the characteristics of the sewage and its projected augmentation for future.**

Halston offers its plants with most compact technologies by which the need of the industries, commercial establishments, hotels, town ships, municipal & colonies can be easily satisfied.

Halston plants helps clients to achieve cost reduction, less maintenance, high quality, flexibility in operating condition, stable performance etc. **we offer package STP for treating municipal sewage generated by labor camp, hotels, hospitals, commercial building and industries.**

Considering our vast experience in this field, we have good solutions for varied requirements of sewage treatment, which are classified as:

Membrane Bio Reactor Technology (MBR)

Moving Bed Biofilm Reactor (MBBR)

Submerged Aerobic Fixed Film (SAFF)

Extended aeration (EA)

Sewage Odor / H₂S removal system



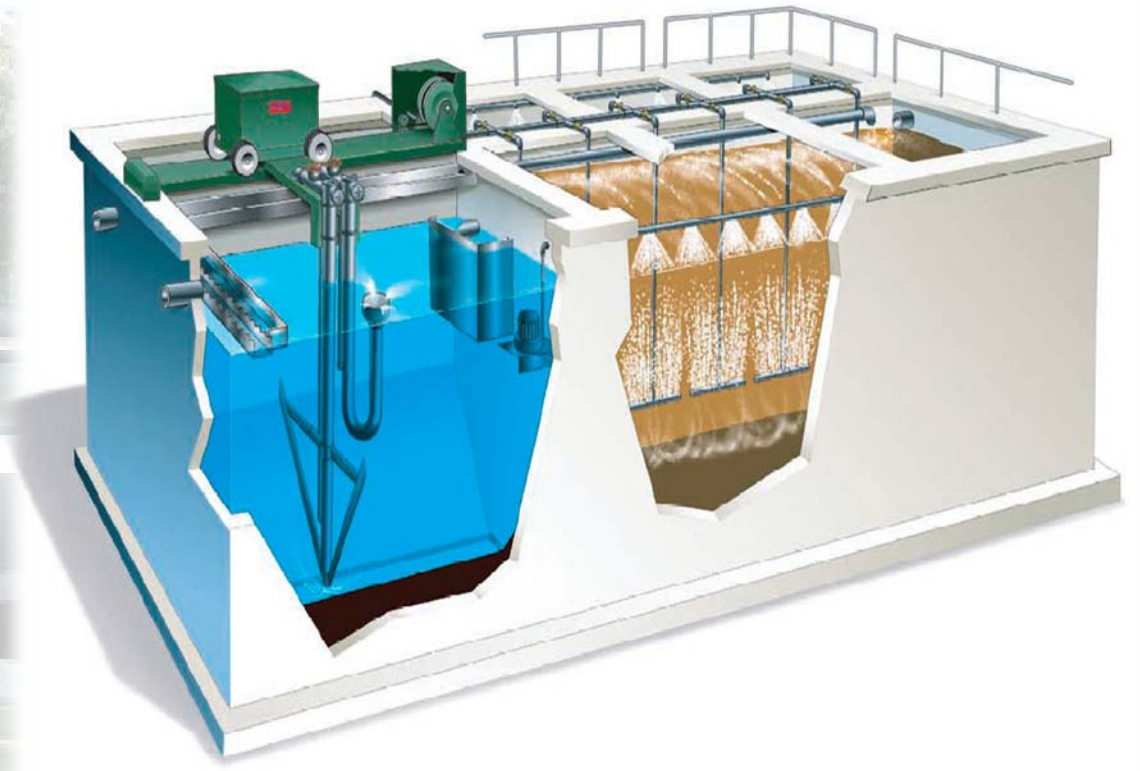
GREYWATER TREATMENT PLANT

Greywater is any non-industrial wastewater generated from sources such as bathroom sinks, washing machines, showers and bathtubs.

We consider these greywater sources to be viable sources for landscape irrigation and greywater recycling systems are able to effectively filter water from these sources for reuse in drip irrigation.

The benefits of graywater recycling include:

- Lower fresh water use
- Less strain on failing septic tank or treatment plant
- Less energy and chemical use
- Groundwater recharge
- Plant growth
- Increased awareness of and sensitivity to natural cycles





OPERATION & MAINTENANCE

Operation & maintenance of water and wastewater treatment plants is Halston care competency. **Every day, our operators, technicians and experts are present the site to operate, maintain and optimize their water cycles.**

Halston strongly believes that operation and maintenance division helps customers focus towards their core business there developing a satisfied customer.

Our operation & maintenance contracts do not simply include manpower supply. They include access to best-in-class research & development, continuous identification and delivery of optimization projects, cost reduction targets and guarantees in terms of safety, reliability, quality, quantity and respect of environmental regulation.

Halston generates measurable and quantifiable benefits. We make sure our O&M solutions are adopted to your situations cautiously identifying your needs, defining the service levels, carefully planning the transition period and in managing our long-term relationship. **And also we provide**

Annual maintenance contract

On call services

Pilot plant study

Revamping





SPARES & COMPONENTS

CONSUMABLES

- Cartridge Filters
- Filter Media
- Resins
- MBBR & SAFF media
- Settling tank Media

ROTATING EQUIPMENTS

- Blowers
- Transfer pump
- Screw pump
- High pressure pump
- Dosing pump

MEMBRANE & ACCESSORIES

- ❖ Sea water membrane
- ❖ Brackish water membrane
- ❖ UF membrane
- ❖ MBR membrane
- ❖ Pressure vessels

INSTRUMENTS

- ❖ Pressure gauge
- ❖ Level switch
- ❖ TDS meter & pH meter
- ❖ ORP meter
- ❖ Flow meter
- ❖ Temperature meter

OTHERS

- ❖ Interconnecting piping
- ❖ Pipe fittings
- ❖ Valves and spares

SYSTEM

- ❖ Dosing system
- ❖ pH neutralization system
- ❖ UV system





Certificate Of Registration

Awarded to

HALSTON WATER EQUIP. IND. CO. LLC

at

P.O. BOX NO: 68526, SHED NO: 2, AL SAJJA INDUSTRIAL AREA, SHARJAH, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed

below:

ISO 9001:2015

Quality Management Systems

Scope of work

DESIGN, ENGINEERING AND MANUFACTURING OF WATER AND WASTEWATER TREATMENT SYSTEMS

EA 18, 34

Certificate No: DQU-12424

Originally Registered: 15 DEC 2018

Latest Issue: 15 DEC 2018

Valid up-to: 14 DEC 2021


Quality Registrar Systems



CB-037-MS



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