

**Halston Water Equip. Ind.  
Co.LLC P. O. Box :68526,  
Sharjah, United Arab Emirates  
Tell: +971 6 5736877  
info@halston-fze.com  
www.halston-fze.com**

**Authorized Agent -Pakistan**

**Radiant Chemical (Pvt) Ltd.  
Room No. 212, 2nd Floor,  
RSM Square,  
KCHS, Shaheed-e-Millat Road,  
Karachi-75350,  
Tel: (+92-21) 34540218**



**HALSTON**

## Introduction

Halston water equip. ind. co. llc is an engineering company holding ISO 9001:2015 for water treatment plants and equipments 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, tary 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 / H<sub>2</sub>S removal system**



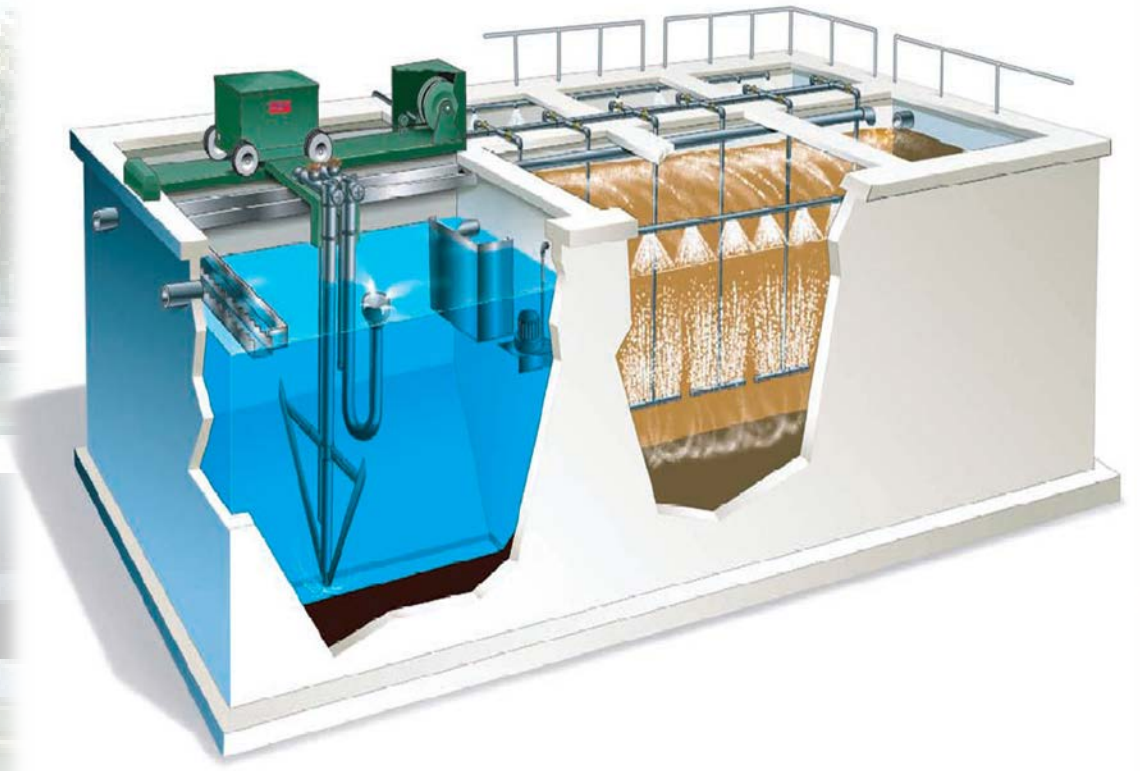
# GREYWATER TREATMENT PLANT

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

We considers 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**

Piolet plant study

**Revamping**





# SPARS & COMPONENTS

## CONSUMABLES

- Cartage Filters
- Filter Medias
- Resins
- MBBR & SAFF media
- Settling tank Media

## MEMBRANE & ACCESSORIES

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

## INSTRUMENTS

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

## ROTATING EQUIPMENTS

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



## 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

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Valid up-to: 14 DEC 2021

  
Quality Registrar Systems



CB-037-MS



**MANAGING OFFICE ADDRESS:**

Quality Registrar Systems

P.O. Box :26826

United Arab Emirates



WORLD WIDE CERTIFICATION

Tel: +971-2-6714302

Fax: +971-2-6741449

www.qrsyst.com