



PHYNE TECH LTD

SYSTEM AUTOMATION | SCIENCE | ENGINEERING | TECHNOLOGY

CATALOGUE

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Before any treatment of water is done, the water has to be taken to accredited laboratory for analysis. Water sample is taken to the laboratory for two kinds of analysis.

Bacteriological analysis- This checks whether the water is contaminated with different kinds of micro-organisms namely total coliforms, *Escherichia coli* and total viable counts.

Physiochemical analysis- It checks the physical and chemical composition of water. Turbidity, total suspended solids, Ph, fluoride, iron, lead, total dissolved solids, calcium and magnesium among other metals found on earth surface.

NB: For bacteriological analysis, sample must be analyzed within 24hrs after sampling or the sample is refrigerated before being taken to the laboratory.

Pricing

Different qualities of water require different water treatment system which is priced separately. We have indicated overall prices in this document; however, for clarification of prices and other details please contact phyne tech limited

TREATMENT PROCESS FOR DIFFERENT SOURCES OF WATER:

1. TAP WATER/MUNICIPAL WATER

Tap water is locally known as municipal water which is provided at water companies county levels. This water is mostly surface water harvested and then treated using coagulation, flocculation, filtration and finally chlorination before it is distributed to the users. With the distributions lines being buried under the ground and the type of pipe mostly being used is GI pipe, chance of the pipes rusting is high and this introduces suspended particles and bacterial contamination.

Treatment process

We propose that you use the following treatment method:

Pure Water Plants- Municipal Water Purification System

These are designed for the production of totally pure water from the majority of natural or municipal sources with typical application being bottled water production. They eliminate most conditions of impurity including sediment, taste or odour and bacterial contamination.

It utilizes a six stage of treatment with no use of chemicals, simple to operate, provide consistent pure water and without any maintenance other than routine cleaning and cartridge replacement.



500ltrs

- Manual Operated
- Easy To Operate
- Low Noise Operation
- Single Phase Power

160,000/-



1000ltrs

- Stainless Storage(500lts)
- Two Automatic Taps
- One Manual Tap (Necessary During Blackout)
- Has Ultrafiltration Membrane

230,000/-

It has six stages of treatment:

- 1st stage – Sand filtration & activated carbon filtration - for removal of large particles.
- 2nd& 3rd stage – Cartridge filtration- removal of suspended particles.
- 4th stage –Carbon filtration- removal of insecticides, organic chemicals, chlorine, herbicides and unpleasant taste.
- 5th stage – Micro filtration- further removal of all suspended particles and bacterial removal.
- 6th stage – Ultra Violet disinfection- at this stage water is exposed to ultra violet rays to kill bacteria and totally disinfect the water.



1000ltrs

- Stainless Storage(500lts)
- Two Automatic Taps
- One Manual Tap (Necessary During Blackout)
- Has Ultrafiltration Membrane

230,000/-

2.GENERAL PURPOSE ULTRAFILTRATION

Underground water ,shallow well water, borehole water , dam water river, stream and lake water has lots of suspended particles. This in return leads to increase turbidity and total suspended solids. In order to make good of this water , a general purpose Ultrafiltration is used to clean the water so that its effective in general usage such was washing fabric, kitchen use and other home and industrial uses.

An ultrafiltration system is eco-friendly. Ultrafiltration has a 90-95% recovery rate and can be used to treat wastewater for reuse. Essentially , Uf removes rust, bacteria, benzene, chlorine,pesticides, insecticides, bad taste/odour and virus.

Ultrafiltration benefits

- System operates at a low pressure
- Removes bacteria and viruses
- Keeps essential minerals in water
- Installs quickly and easily
- Does not generate waste water



Capacity In L/h	Prices Ksh
500l/h	@ 160,000/-
1000l/h	@ 230,000/-
2000l/h	@ 280,000/-
4000l/h	@ 380,000/-
5000l/h	@ 500,000/-

3. WATER SOFTENER

Living in a home with hard water can be a costly problem. When groundwater flows through the pipes of your home, the dissolved minerals combine with heat, leaving scale and buildup that damages your pipes, appliances, and fixtures. Hard water can also have a harmful effect on your dishes, laundry, skin, and hair. Over time, the constant buildup becomes a time-consuming and frustrating problem to deal with. Installing a water softener is an effective way to reduce the expenses and daily frustrations caused by hard water.

A water softener softens water by removing the excess minerals through a process called ion exchange. The mineral ions are trapped in resin within the system and exchanged for sodium and potassium ions, resulting in softened water that's easier on your plumbing, appliances, skin, and hair.

Let's take a closer look at the benefits of a water softener and how to choose the right one for your home.

1. Prevents premature plumbing repairs
2. Protects your appliances from build-up
3. Lowers your utility bills
4. Improves the effectiveness of cleaning supplies
5. Makes your clothes softer and brighter
6. Removes the grime on dishware
7. Improves your skin health
8. Boosts your hair's moisture and shine
9. Frees up your water pressure
10. Makes your water heater more efficient
11. Saves you cleaning time
12. Protects your fixtures and surfaces
13. Reduces environmental impact
14. Improves the taste and feel of water

Capacity In L/h

Prices Ksh

1000l/h @ 150,000/-
2000l/h @ 170,000/-
3000l/h @ 240,000/-
5000l/h @ 375,000/-



4.FLOURIDE REMOVER



The side effects of fluoride in water can be both positive and negative. However, keep in mind that adverse health effects are highly unlikely to occur because of community water fluoridation

Risks of fluoride in water:

- Dental fluorosis: A cosmetic condition characterized by stained, discolored teeth because of excessive fluoride exposure in children and infants.
- Skeletal fluorosis: When high levels of fluoride accumulate in bones, it may result in joint pain, muscle impairment, and stiffness.
- Hypothyroidism: Under-active thyroid that may cause fatigue, increased sensitivity to cold, dry skin, and weight gain.
- Reduced IQ

• Activated alumina filters

- Activated alumina is a porous, solid form of aluminum oxide. When water passes through an activated alumina filter, fluoride and other contaminants are adsorbed by activated alumina granules, allowing clean water to flow to the other side. However, activated alumina filters only work in water with a pH of less than 8.5 and are most effective at removing fluoride from water with a pH between 5 and 6. Additionally, they require a lot of contact time to be effective, so water flow rates have to be very slow.
- Pac is used to recharge

FLUORIDE CONTAMINATION



- Fluoride is a naturally occurring component of soil that can contaminate groundwater
- At high levels, fluoride can be neurotoxic and lead to weakened bones



Capacity In L/h

Prices Ksh

1000l/h	@ 150,000/-
2000l/h	@ 180,000/-
3000l/h	@ 240,000/-
5000l/h	@ 375,000/-

Boiling Water Does Not Reduce
Flouride Instead Concentrates It

5. IRON REMOVER

Iron is one of the most common contaminants faced by well owners. From muddy-colored glasses of drinking water to bright orange streaks in toilets and bathtubs, iron leaves a trail of stains, discoloration, and foul tastes in its wake. Though it is one of the most prevalent water quality issues faced by well-owners, there are many solutions to rid your water of this unwelcome mineral.

Iron will clog pipes, reduce household water pressure, ruin the taste of tea and coffee, and leave bright-colored stains on your appliances in quantities as small as 3ppm (parts-per-million). Though iron is rarely seen in quantities larger than 10ppm, its ability to cause such severe and visible damage at such low concentrations makes it a distinctly frustrating contaminant to grapple with.

Here are ample benefits to removing iron from water, including longer lasting pipes and appliances,

improved water pressure,

healthier skin and hair,

Better tasting and smelling water

Dmi is most common

type oxidizing media used to extract dissolved iron out of well water supplies. Unlike manganese greensand, birm does not require a chemical oxidizing agent to remove the iron. However, birm only works in water with elevated pH levels. Therefore, most systems utilizing birm will combine it with calcite. Calcite is a media that elevates the water's pH, and, in this application, enables the birm media to effectively oxidize the ferrous iron and remove it from the water.

Manganese greensand is also a popular oxidizing agent for ferrous.



Metallic Taste:

Water with high iron content has a unpleasant metallic taste,

Iron Bacteria Growth:

High iron levels can encourage the growth of iron bacteria, which can produce a slimy biofilm that can clog pipes and further contribute to bad odor and taste.

Reduces The Lifespan Of Pipes & Appliances

**Rusty Appearance,
Staining On Surfaces,
Potential Health Concerns:**

- Like Stomach Issues,
- Liver Damage

Capacity In L/h

Prices Ksh

1000l/h @ 150,000/-

2000l/h @ 170,000/-

3000l/h @ 220,000/-

5000l/h @ 355,000/-

6. DOMESTIC REVERSE OSMOSIS

Widely considered one of the most effective water filtration methods, reverse osmosis (RO) creates clean, great-tasting water. RO systems are used in various applications, including filtration for whole houses, faucets, restaurants, and aquariums. No matter your water quality concerns, there is likely an RO system that will suit your needs.

How RO works:

1. High pressure is applied to water containing dissolved substances like salts and minerals, forcing it against the semipermeable membrane. This pressure drives water molecules through the membrane, which allows only water to pass while larger molecules and impurities are blocked.
2. Contaminants remain on the pressurized side of the membrane, unable to travel with the water. The purified water that emerges on the other side of the membrane is collected as clean, drinkable water.

Reverse osmosis water system filters out chlorine, salt, PFAS, and dissolved solids like arsenic, microplastics, herbicides, pesticides, heavy metals and fluoride through the RO membrane. Additionally, these systems have sediment and carbon filters that enhance purification capabilities. The carbon filters eliminate chlorine, improve taste, and reduce foul odors, while the sediment filter captures dirt and debris, ensuring a comprehensive reduction of impurities.

DOMESTIC REVERSE OSMOSIS

For most renters, finding a quality home water filtration system is more difficult than for a homeowner. This is because landlords often restrict the modifications, such as drilling into a countertop or mounting a system inside your cabinets, you can make to a rental property. Despite these restrictions, many types of water treatment are available for those in apartments, condos, and rental homes

The most common types of water treatment devices and systems used in rental properties are **water pitcher filters**, **refrigerator water filters**, **gravity-fed water filters**, **countertop reverse osmosis systems**, some **under-sink units**, **shower filters**, and **water distillers**.

✳ Can have cold, warm and hot pure water options

Capacity In L/day	Prices Ksh
300l/day	@ 35,000/-
500l/day	@ 60,000/-
700l/day	@ 80,000/-



7.0 LOW HARDNESS-LOW SALINE REVERSE OSMOSIS MACHINE

This are typically reverse osmosis machines designed for low (Total dissolved solids) TDS.

Most of highland boreholes lie under this category.

They will work best for a TDS between 100ppm to 300ppm.

They have the following stages.

1. Quartz media and Sand media filtration
2. Activated carbon filtration
3. Cartridge (micron)filtration
4. Reverse osmosis filtration
5. UV disinfection
6. Other stages – chlorine pretreatment/ antiscalant dosing/ph adjustment

(Manual Type)

Capacity In L/h

Prices Ksh

250l/h	@ 230,000/-
500l/h	@ 330,000/-
1000l/h	@ 600,000/-
2000l/h	@1,000,000/-

7.1 HIGH HARDNESS-BRACKISH WATER REVERSE OSMOSIS

Typically , most low land , arid and semi arid areas water lie under this category.\

This machines accepts a total dissolved solids (TDS) for bet 600ppm-2000ppm

This machines have automatic runxin valves which reduce human operations including backwashing, rinsing , brine refill and so on.

This machines also can be fitted with automatic float switch to turn them on and off when water is full in the tank.

They have the following stages.

1. Quartz media and activated carbon media filtration
2. Softener (ion exchange filtration)
3. Cartridge (micron)filtration
4. Reverse osmosis filtration
5. UV disinfection
6. Other stages – chlorine pretreatment/ antiscalant dosing/ph adjustment

(Automatic Type)

Capacity In L/h

Prices Ksh

250l/h	@ 270,000/-
500l/h	@ 370,000/-
1000l/h	@ 610,000/-
2000l/h	@1,100,000/-
3000l/h	@ 1,800,000/-



8. WATER VENDING STATION/WATER REFIL STATION

This are vending stations takes already treated water ready for dispensing.

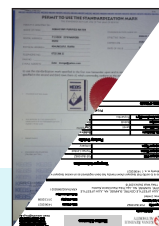
They have a basic filtration system and sterilizing system which is just sufficient for treated water.

They are the most preferred starting point into water business before one can invest heaving into the business.

They give the owner of the business time to examine the business and make informed decisions on its growth.

They gave the following features.

- Has a bottle rinser- cleaning the bottle
- Has filters -pp/pleated and cto- secondary filtration.
- Has uv light for water sterilizing
- Has food grade automatic pump.
- Had plc which is accurate and precise
- Keeps daily sales records
- Custom made branding to suit your taste and style.
- Has Stainless steel structure which is highly durable



- Connected with food grade clear tank preferably 3000 or more.
- Low power consumption
- Low noise operation.
- Can sell from as low as 5sh
- Password protected

The machines come with the following as a package.

1. A free stainless packaging table 2ftx4ft
2. A free advertising banner
3. A KEBS and KRA certificate and analysis of purified water supplied .

We have an accessory shop for ease of access to filters, heatgun, seals and topseals, labels all at favorable prices.

Number of taps	cost
1tap cabinet/table type	100,000
2 taps open cabinet automatic	110,000
2taps closed cabinet automatic	110,000
2tap table type automatic	110,000
3taps manual cylinder	100,000
3taps automatic cylinder	120,000
3 taps /4taps manual filling lines	80,000



9. WATER & MILK BOWSERS

A water bowser is a mobile water tank mounted on a truck chassis, and when made from stainless steel, it offers higher durability, hygiene, and resistance to corrosion compared to plastic or mild steel.

Made from food-grade stainless steel (usually SS304 or SS316), ensuring water remains uncontaminated.

Rust-resistant and suitable for drinking water or clean water applications.

Water bowser is one of the ultimate *wealth of wells*. As more and more water refill station and vending machines are emanating from every region demand for purified water is rising every day. Not many people want the tedious work to purify water as space and quantity of water needed may be limited. This brings about a very lucrative niche of supplying purified water to people who have refill stations, hotels, hospitals, schools and other institutions.

Key features of water bowsters .

1. Stainless steel 304 thickness 3mm.
2. 2 partitions inside for strengthening cylinder.
3. Non spill manhole diameter 500mm
4. Ladder and checkered plate on top for aesthetic
5. Elliptical tank for stability

Capacity	price
3,500	500,000
5,500	650,000
7,000	900,000
10,000	1,150,000





BATCH MILK PASTURIZERS

A batch pasteurizer is a type of equipment used to heat liquids (like milk, juice, or other beverages) to a specific temperature for a set period of time to kill harmful bacteria—without boiling or damaging the product's quality. It's called "batch" because the process is done one batch at a time, rather than continuously.

MAIN FEATURES:

- Has geared motor fixed with agitator for mixing the product.
- Has temperature control for monitoring temperatures.
- Made of stainless steel grade 304 or grade 316 depending with use.
- Installed with its control panel.
- It consists of three shells, inner shell for the product, middle shell for hot water and outer shell for cladding, i.e. the product is heated indirect using water. Comes in variety of 3 heating options i.e. gas, elements or steam biogas.
- Has a C.I.P spray ball for efficient cleaning.

ADVANTAGES

- small scale and more affordable*
- Good for small or varied production*
- Easy to clean and maintain.*

Quantity	price
100litres	150,000
200litres	200,000
300litres	280,000
500litres	400,000
1000litres	650,000



BATCH PASTEURIZER

LINE PASTURIZER/ CONTINUOUS PASTURIZER

A line pasteurizer (also called an in-line pasteurizer or continuous pasteurizer) is a machine used to pasteurize liquids like milk, juice, beer, or water as they flow continuously through a pipeline — unlike a batch pasteurizer, which processes liquids in separate tanks

Advantages

- Excellent for large scale production*
- Very efficient and high precision*
- Energy saving*

MILK CHILLERS / COOLERS

A milk chiller is a machine that cools and stores fresh milk at a low temperature (typically 4°C or below) to keep it fresh, safe, and free from spoilage or bacterial growth. It's especially important after milking, before pasteurization or transport.

Benefits of a Milk Chiller:

- Prevents souring/spoilage*
- Maintains milk quality for processing*
- Reduces bacterial count*
- Enables collection from multiple farmers before pasteurization*

Key features

- ✓ It comes complete with its control panel.
- ✓ It has inbuilt condensing unit depending with the size of the tank. Stainless steel fabricated using stainless steel food grade.
- ✓ Consists of three shells, inner shell for product, middle shell for copper tubes for refrigeration and outer shell for cladding i.e. the product is cooled indirect.
- ✓ Has a temperature monitoring gauge geared motor fixed with agitator for mixing the product

Capacity In L/h	Prices Ksh
500l/h	1,000,000/-
10,000l/h	6,000,000/-

capacity	Prices (Kes)
100litres	200,000
200litres	280,000
300litres	340,000
500litres	460,000
1000litres	700,000
3500litres	1,600,000
5000litres	2,400,000
10000litres	4,200,000



11.0 Chillers/Cooling Tanks

Features:

- It comes complete with its control panel.
- It has inbuilt condensing unit depending with the size of the tank.
- Stainless steel fabricated using stainless steel food grade.
- Consists of three shells, inner shell for product, middle shell for copper tubes for refrigeration and outer shell for cladding i.e. the product is cooled indirect.
- Has a temperature monitoring gauge geared motor fixed with agitator for mixing the product.



Capacity in liters	Price KSh
100lts	250,000
200lts	300,000
300lts	360,000
500lts	460,0000
1000lts	700,000
2000lts	1,200,000
3000lts	1,600,000
5000lts	2,400,000
10,000lts	4,700,000

11.1 MILK ATMS

There is this cash-cow in town known as the milk dispenser or milk ATM. Could be because of its lucrative nature. It has low initial investment, easy to monitor and has high profit potential.

With so many upcoming estates in our urban centers and with abundance of raw milk from hardworking farmers, there is absolutely no reason why you should not be milking some profits from this opportunity.

Capacity	prices
50litres	65,000
100litres	75,000
150litres	90,000
200litres	120,000
300litres	180,000

KEY FEATURES

- Has two Stainless steel holding tanks
- Keeps daily sales records.
- Can sell from as low as 10sh.
- High accurate and precise.
- Has a cooler to ensure milk is fresh for 72hrs.
- Custom made branding that suit your taste and style
- Low noise operation
- Accredited by Kenya dairy board & KEBS
- Has a vending box
- Low power consumption.
- High Quality & Easy to use PLC
- High quality self priming and cleaning pump.
- Password Protected.
- Has Fridge body for efficient cooling.
- Has a thermostat for temperature regulation.
- Easy to clean
- Food grade pipe and pump



12. COOKING OIL ATM

A cooking oil ATM (also called a salad oil ATM) is a self-service vending machine that dispenses fresh cooking oil in precise amounts—just like milk ATMs for milk or cash ATMs for money. You can insert cash (as little as KES 10), tap an amount, and it pours the exact oil quantity into your container.

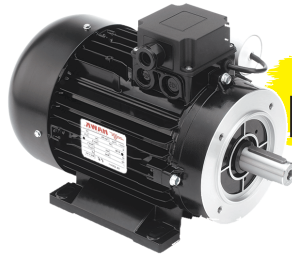
- Low power consumption.
- High Quality & Easy to use PLC
- High quality self priming and claeing pump.
- Password Protected.
- Wooden /Stainless or mild steel
- Stainless steel holding tank of capacity 20L
- Keeps daily sales records.
- Can sell from as low as 10sh.
- High accurate and precise.
- Heating mechanism to ensure oil doesnt solidify in severe temparatures.
- Custom made brading that suit your taste and style
- Low noise operation
- Accreditted by National food and safety authority & KEBS.

capacity	price
20litres (small size)	30,000
20litres (improved)	32,000
20litres (medium size)	35,000
Stainless steel Medium size	40,000
50litres big size	42,000
Stainless steel 50litres	50,000
Wooden 100litres	55,000
Stainless steel 100litres	65,000





Membrane &
Membrane Housing



Motors



Digital
Flow Meter



Booster Pump



Air Pump



Flow Sensor



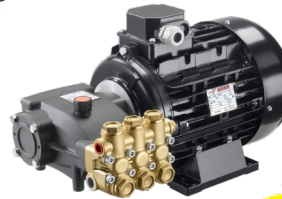
Water
Dispenser



Submersible
Pump



High Pressure
Pump



Dosing pump



Filters



UV

Flow Meter



FRP





AN ANTISCALANT
prevents the formation of mineral scale
on surfaces thereby extending the life and efficiency
of the system's membranes.



CHLORINE-65

is used as a disinfectant, killing harmful
microorganisms in water, making it safe to drink by eliminating
the potential for waterborne diseases



**catalyst for,
Softening,
Deionization,
Dealkalization**



ACTIVATED ALUMINA
is primarily used as an adsorbent to
remove specific impurities
from liquids and gases



PH-PLUS GRANULES
raise the pH-value of the water
and are dosed directly into the water when
the pH-value is below 7.0.



PH-MINUS GRANULES
lower the pH-value of the water
and are dosed directly into the water
if the pH-value is too high (above 7.4).



ACTIVATED CARBON is primarily used in
water treatment to remove organic contaminants,
including taste and odor causing compounds,
chlorine residuals, and other dissolved chemicals



QUARTZ/SAND MEDIA
is used in filters to remove pollutants
and impurities from water and
other substances.



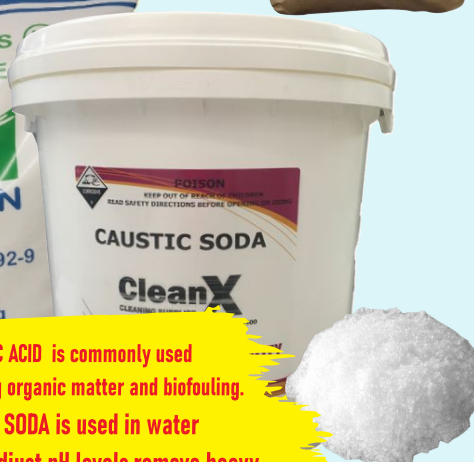
DMI-65 efficiently removes
dissolved iron to the almost
undetectable levels as low as
0.001PPM and manganese to 0.001 PPM



FLOCCULANT removes pollutants
from water and other solutions by
clumping particles together
into larger flocs



CITRIC ACID is commonly used
for removing organic matter and biofouling.
CAUSTIC SODA is used in water
treatment to adjust pH levels, remove heavy
metals from water, and soften water by
removing calcium and magnesium ions



15.SOLAR INSTALLATION

We offer off-grid home and commercial solar installation. This includes industrial installations, water pumping installation as well us off grid home installation. We install lithium iron phosphate batteries and hybrid inverter which insure consistent supply of power.

*get photo from the existing files you have.

System size (kw)	ksh
1kw	145,000
2kw	280,000
3kw	340,000
5kw	520,000
7kw	600,000
10kw	770,000
15kw	920,000
20kw	2,200,000
30kw	3,000,000
32kw	3,200,000



CNC (computer numerical control) PLATE CUTTING, BENDING & ROLLING.

Are you passionate about engineering workshop, and metal craft. We have gathered state of the art machinery to train as well as cut stainless bend and roll according to your requirement.\

Lathe machine has much more special work of shaping , threading , milling according to your requirement.

**30/- Per
Bend,Cut,Roll**



16. LARGE FORMAT PRINTING AND ENGRAVING SERVICES

This is what we do best, best large format printing services, and engraving services.

Shop branding and machine branding is our area of expertise.

Cost per sq feet for engraving 400sh
Cost per sq metre for printing 400sh



STAINLESS RAILING –

We are dealers in all railing accessories , toughened and tampered glass for stair case railing .
stainless well crafted and bent to suit your taste and style.

Cost per metre.
7000, to 10,000sh



POOL CONSTRUCTION

We offer specialist consultation , construction as well as maintenance .

Our knowledge and dedicated expertise in pool chemistry has no match in the industry.

Cost per size 8m @ 1,500, 000
Cost per size 12m @ 1,800, 000
Cost per size 20m @ 2,200, 000





When you are about to construct a house, you might need information about geological survey of the plot.

This will help to know a potential area with water near water table and hence make an informed decision on where to position your house or a future borehole drilling plan

Cost per site geological survey.



BOREHOLE DRILLING.

We have partnered with our sister company aqua tech drillers whose work is to drill, equip and service boreholes.

We have special borehole casing hardened plastic, steel casing and stainless



WATER TESTING SERVICES.

All ground water and surface water need to be tested of minerals and bacteria or micro organisms in it.

This will be needful to help one make an informed decision of purification and more so the type of purifier suitable for the water in question. Aquatech our sister company does this skillfully and brilliantly

We not only test but also advice appropriately on which purifier to us and whether water is good for drinking and general usage.

We test fluoride, lead and other life threatening chemicals in the water

We test iron, color and other odor in the water

Most importantly we test calcium and magnesion to check about water hardness.

PARAMETERS	METHOD	VALUES	KS EAS 12:2018 NATURAL WATER SPECIFICATION	WHO STANDARD	REMARKS
PHYSIO-CHEMICAL ANALYSIS					
pH (pH Units pH)	AQL/TM/HACH/8156	7.00	5.5 - 9.5	6.5 - 8.5	PASS
Colour (Pt. Co. APHA Colour)	AQL/TM/HACH/8025	51	50	15	FAIL
Turbidity (NTU TUB)	AQL/TM/CHEM/10	5.91	25	5.0	PASS
Total Suspended Solids (mg/L TSS)	AQL/TM/HACH/8006	4	ND	NIL	FAIL
Total Dissolved Solids (mg/L TDS)	AQL/TM/HACH/8160	352	1500	1000	PASS
Electrical Conductivity (uS/cm EC)	AQL/TM/HACH/8160	710	2500	1500	PASS
P Alkalinity (mg/L CaCO3 PA)	AQL/TM/HACH/ISO/9963-1:1994	ND	NS	NS	-
Total Alkalinity (mg/L CaCO3 TA)	AQL/TM/HACH/ISO/9963-1:1994	267.4	NS	NS	-
Chloride (mg/L Cl)	AQL/TM/HACH/ISO/9297:2000	14.8	250	250	PASS
Fluoride (mg/L F)✓	AQL/TM/HACH/8323	4.56	1.5	1.5	FAIL
Sulfate (mg/L SO4)	AQL/TM/HACH/8051	4	400	400	PASS
Nitrate (mg/L NO3)	AQL/TM/HACH/8358	5.2	45	45	PASS
Phosphate (mg/L PO4)	AQL/TM/HACH/8114	0.3	2.2	2.2	PASS
Sodium (mg/L Na)	AQL/TM/APH/3111B	136.6	200	200	PASS
Calcium (mg/L Ca)✓	AQL/TM/CHEM/07	16.01	150	150	PASS
Magnesium (mg/L Mg)✓	AQL/TM/CHEM/07	26.72	100	100	PASS
Iron (mg/L Fe)	AQL/TM/APH/3111B	0.49	0.3	0.3	FAIL
Manganese (mg/L Mn)	AQL/TM/APH/3111B	0.62	0.1	-	FAIL
Ammonia (mg/L NH3)	AQL/TM/HACH/10001	0.08	0.5	0.5	PASS
Copper (mg/L Cu)	AQL/TM/APH/3111B	< 0.04	1.0	2.0	PASS
Zinc (mg/L Zn)	AQL/TM/APH/3111B	0.1	5.0	5.0	PASS
Calcium Hardness (mg/L CH)✓	AQL/TM/CHEM/07	40	NS	NS	-
Magnesium Hardness (mg/L MH)✓	AQL/TM/CHEM/07	110	NS	NS	-
Total Hardness (mg/L TH)✓	AQL/TM/CHEM/07	150	600	300	PASS
Silica HR (mg/L SiO2)	AQL/TM/HACH/8185	75.7	NS	NS	-



18.Outsourcing Contracts

Plastic pet bottles machine .

We import and assemble pet making and bowing machines and offer training on their usage.



Non spill cap mould machine

We import and assemble mould and offer training on their usage.



Automatic water packaging system

We import and assemble automatic water packaging machines and offer training on their usage.



Water sachets machines

We import and assemble automatic sachet filling and sealing machines and offer training on their usage.





PHYNE TECH LTD

SYSTEM AUTOMATION | SCIENCE | ENGINEERING | TECHNOLOGY

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