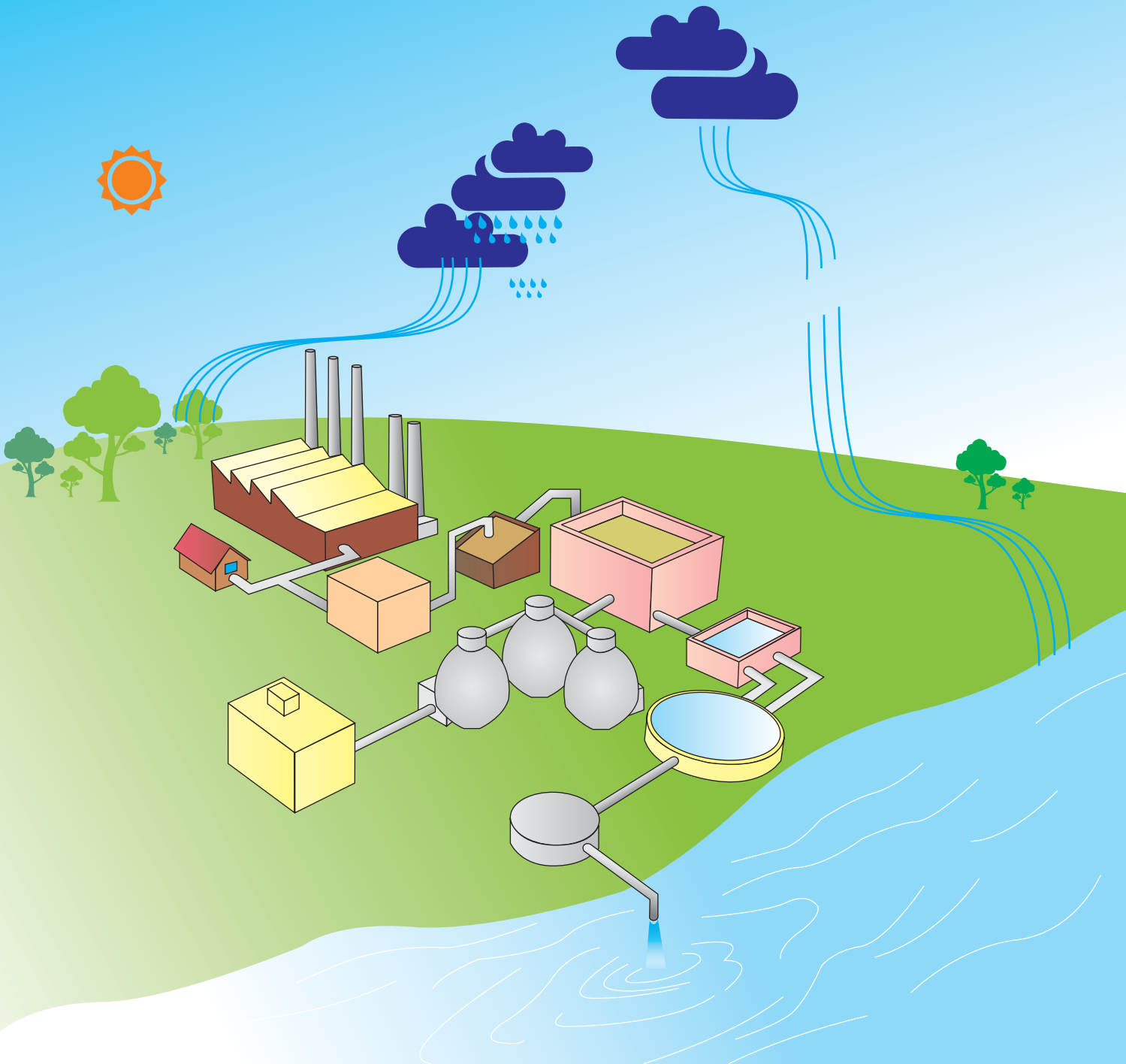


Life Technologist
(We can match technology
As per your passion)

Consultant for Water

- ▶ Water Filtration
- ▶ Water Treatment
- ▶ Water Atomization
- ▶ Water Equipments
- ▶ Water Treatment Chemicals



Life Technologist

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Customer Service :- 9824418931, Email:- lifetechnologist@gmail.com, info@lifetechnologist.net
Website: www.lifetechnologist.net

Water is one of the valuable element from nature, which is regularly used by human in day to day activity throughout the life period right from birth to death & in industries right from beginning to end of process. Like



- ▶ Drinking purpose
- ▶ Washing purpose
- ▶ Industrial (In Production, Manufacturing.....to Utility)
- ▶ to Agriculture purpose.

Water having its own property along with impurity which affects on various processes and disturb the human life.

Life Technologist next generation Equipment, Filters, water treatment processes & Chemicals gives you freedom to generate or control quality of water which you desired.

AIM & MISSION



Life Technologist is the 1st Organisation from the group of **Raghunath & Son's**. We having aim to introduce or exchange new as well as existing technique / technology with lot of innovation to Indian industries and all over world,

to reduce human efforts & hassles free operation, for increasing efficiency, smooth operation along with cost optimisation. Specially in industrial water consumption & utilisation.

Why Us

- ▶ Very good Engineering back ground.
- ▶ Highly technical skill work force
- ▶ We can match technology as per your passion.
- ▶ For cost optimisation.
- ▶ For good training.
- ▶ For on time service.
- ▶ For process optimisation.
- ▶ For improvement in your operation.

And Last but not List

For Genuine, ethical, highly technical & supportive back bone for your organisation in said expertise.



Soft Water Plant (Auto / Manual)



R.O. Water Plant



D.M. Water Plant (With & Without Mix Bed)



Mix Bed (MB)



Sand / Carbon Filter

DMF (Duel Media Filter)



De-Alkaliser



Water Treatment Plant / Equipment / Filters



Iron Removal System
(Birm Filter)



U.V. Systems

Equipment used in various types of industries Like this	General Features of equipment
Pharma Industries	With proper Pre-Filters
Fruit and Vegetable Processing	Heavy Duty Shell / Vessel
Food And Beverage Processing	Proper Sampling Points.
Textiles	With / With out Skid Mounted
Paper Industry.	Easy in operation
Dairy Processing	No skill man power required
Meat Processing	Easy to relocate
Tobacco manufactures	Plug & Play System
Textile mill products	Proven Technology.
Apparel and other textile	High quality design and materials of construction built to last
Laundry	Modular design capability for rapid mobilization and reduced field set-up cost
Hotels	Low maintenance – automated design and controls
Lumber and wood products	Reduced environmental footprint – low energy and chemical consumption
Furniture and fixtures	Fully customizable to a variety of water sources and customer requirements
Paper and allied products	Reliable
Printing and publishing	Sustainable
Chemicals and allied products	Economical
Petroleum and coal products	
Rubber and misc.	
Plastics products	
Leather and leather products	
Stone, clay, glass, and concrete prod.	
Fabricated metal products	
Electrical and electronic equipment	

General design specifications

Capacity :- From 1000 lph to 100 m3/Hrs

MOC :- MS / MSRL / PP / PPRP / GRP / SS Manual / Automated Operations. With & without Multiport Valve.

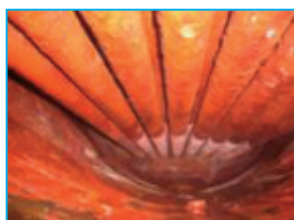
Water treatment chemicals and solution

Generally water use as heat transfer medium

- ▶ for cooling in cooling towers and chillers
- ▶ for heating in hot water generator or
- ▶ for steam generation in boilers.

At various types of industries, number of problem occur while we use water in our processes like.

Major Problem face due to improper quality of feed water.



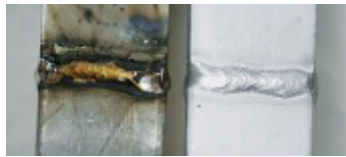
Corrosion of tubes



Scale Deposition

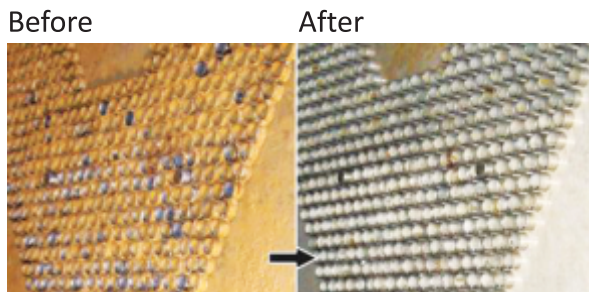
Fouling, Caustic embrittlement, Priming and foaming

Effect of boiler passivation chemicals

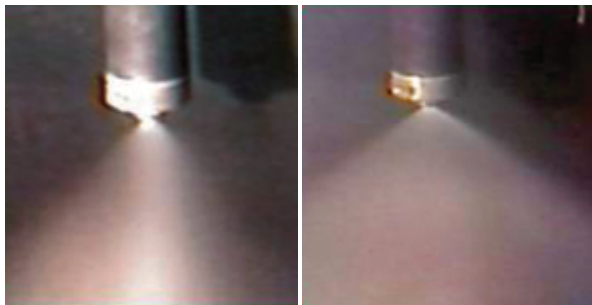


Difference between Passivated and non passivated surface

Effect of De-scaling chemicals



Effect of Fuel Additive



Without Additive
Spray Pattern

With Additive
Spray Pattern



Without Additive
Flame Pattern

With Additive
Flame Pattern

Effect of Oil Cleaning Chemicals



Dirty Engine Block

Clean Engine Block

Life Technologist have various tailor made Solution Like

Boiler Water Treatment Chemicals

- ▶ Anti-Scaling Agents
- ▶ Corrosion inhibitor
- ▶ Oxygen scavenger
- ▶ High dispersant
- ▶ Anti Fouling Agent
- ▶ pH Booster
- ▶ Sludge Conditioner
- ▶ Condensate Polishing
- ▶ Alkalinity Builder

Passivation Chemicals

For newly erected pipeline / Pipeline loop or Boiler

Fuel Additive

- ▶ For Liquid Fuel Like FO, LDO, Diesel
- ▶ For Solid Fuel Like Coal, Lignite, Bricked

De-scaling Chemicals

For Cu, SS, MS, Graphit, Limpet Coil, GL(Glass Lined) Vessels

Cooling Tower / Chiller Water Treatment Chemicals

- ▶ Anti-Scaling Agents
- ▶ High dispersant
- ▶ Anti Fouling Agent
- ▶ Sludge Conditioner
- ▶ Oxidizing Biocide
- ▶ Reducing Biocide
- ▶ Algaecide
- ▶ Fungicide
- ▶ Disinfectant

R.O. Chemicals

- ▶ R.O.Anti-Scalent
- ▶ R.O. Anti Fouling
- ▶ R.O.Cleaning Chemicals

Oil Cleaning Chemicals

- ▶ Oil Cleaning Chemicals for Cast Iron
- ▶ Oil Cleaning Chemicals for Aluminium

Waste Water Treatment (ETP) Chemicals

- ▶ De-Foaming Agent
- ▶ Coagulation Agent
- ▶ Flocculation Agent
- ▶ Poly Electrolyte
- ▶ PAL (Poly aluminium Chloride)
- ▶ Ferrous Alum
- ▶ Non-Ferrous Alum

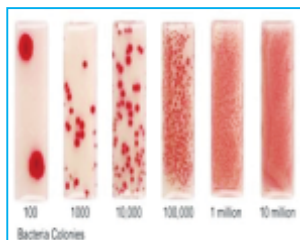
Water Testing Kits & Meters



Drop Testing Kit for Water



Colour Comparison Water Testing Kit



Bacterial Testing Kits



Hand Held Testing Meter



Table Top Meter



On Line Meter

Water Testing Kits

- ▶ Cooling Water testing kit
- ▶ Boiler Water testing Kit
- ▶ R.O.Water testing kit
- ▶ Drinking Water Testing Kit
- ▶ Swimming Pool Water Testing Kit
- ▶ Bacterial Testing Kit

Water Testing Meters

- ▶ TDS Meter
- ▶ Conductivity Meter
- ▶ pH Meter
- ▶ O.R.P. Meter
- ▶ Chlorine Meter (For Free Chlorine Testing)
- ▶ Chlorine Meter (For Total Chlorine Testing)
- ▶ Turbidity Meter

Spares & Accessories for Water Treatment Plant

Multi Port Valve Manual Type



Multi Port Valve Fully Auto Type



Multi Port Valve Manual Type MOC-SS



Filter Media

Sand Media / Carbon Media / Birm media (For Iron removal)



Ion Exchange Resin

Strainers (Top & Bottom Strainer)



Sediment (Micron) Filter



Filter Housing



PP Bag Filters & Housing



Distribution System



Dosing Pumps & Complete Dosing System



U.V. Lamps

Rota Meters

D.M. Water Pump



Vertical Multistage

Water Ejector



R.O. Pressure Tube

PP / FRP Vessel



R.O. Membrane

Victaulic Coupling