

CAPABILITY STATEMENT



BT WATER TREATMENT PVT.LTD.

MFG.WATER & WASTE WATER TREATMENT PLANTS & CHEMICALS

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TO,
M/S.

KIND ATTN:

SUBJECT: Introduction of **BT Water Treatment Pvt ltd.** (Manufacturer of water & waste water treatment plants & Chemicals)

Dear Sir,

We have pleasure to introduce ourselves as one of the leading manufacturer of WATER TREATMENT PLANTS IN BARODA, GUJRAT REGION. We are **ISO-9001:2000** certified company Turnkey Solutions in Environment. We have been supplying water treatment plants Industrial and domestic market since last 25 years.

Our products have already earned a reputation in the market for its reliability and good performance. We have so far installed nearly **4726 units** all over India. & Abroad.

We have Group Corporate & Head Office at Vadodara (Gujarat) and Manufacturing facilities at Manjusar (Savli) GIDC. At same location with pilot & bench scale facilities, employing 55 professionals in India. We are aggressively expanding our business in India & abroad.

BT Water treatment pvt ltd is a leading turnkey projects suppliers of Effluent & Sewage Treatment Plants (Compact) Evaporators (Forced, MEE, Falling Film), Zero Liquid Discharge Plants, with strong R&D expertise supported by experts from Engineering & Scientific fields like Environmental, Chemical, Process, Mechanical, Metallurgical, Instrumentation, Mining, Geology, Biotechnology, Microbiology, Chemistry, Applied Chemistry. We are having business operations at India.

We offer following products & Services:

- ✚ **Effluent Treatment, Sewage Treatment Plants & operation maintenance & Process Equipments**
 - **Compact sewage water recycling plants (STP)**
 - **Effluent Treatment Plant (ETP)**
 - **Industrial Ro plant (RO)**
 - **Swimming pool filtration plants.**
 - **Water softener - domestic / industrial - automatic / manual**
 - **Dm plant**
 - **Pressure sand filter (PSF)**
 - **Activated carbon filter (ACF)**
 - **Duel media filter (DMF)**
 - **Uv filters**
 - **Treated Effluent water recycling plant.**
 - **Mix bed unit (Polishing unit) (MB)**
 - **Spares for above plants, Cation / anion resin, testing kit, filter media & filter cartridges.**
 - **Yearly operation and maintenance contract of effluent & sewage treatment plant.**
 - **Troubleshooting of any chemical process, sludge recovery & etp, we can also take AMC and O&M contract for water treatment plants.**
 - **Chemicals For Boiler & Cooling towers like Antiscalent, Algae & Fangs preventive, descaling, ph correction, oxygen scavenger, etc.....**

→ We have pilot plants for effective & efficient waste water treatment system to ensure that the in-house expertise is tested before using it on large scale facilities.

✚ **Some of our valued clients in Industries are** ABB, L &T Ltd., Siemens, Polycab, Welspun, HNG Float glass , E. I. DuPont, FAG , Welspun, transpek, jubilent organics, sun pharma, solaris, munjal auto, Apollo tyres, wokhardt ltd., Gujarat organics, Gujarat guardian, GRP limited, Philips Carbon, reliance industries, Elysium pharma, sterling biotech, Plastic chemix , Shaily biotech & Engi..., Manpasand agro food, etc....,

✚ **Some of our valued clients in Hospital Industries** are Sterling, Bhailal Amin, Bankers Hospital, Baroda Heart, Kailash Cancer Hospital, Wokhardt hospital, Etc.

✚ **Our valued clients in residential & commercial complex** are like shreem shalini, procube, c. H. Jewellers, soham bungalows, pratham, riverway residency, DPS, Milestone, samprat residency & no. Of installation in individual bungalows & farm houses.

It would be our pleasure to develop a growing & long standing relationship with your company, so we request you to kindly forward us the enquiries pertaining to our services and we assure that you would be getting the best competitive rates and the earliest services for the same.

Thanking you & assuring you our best services always.

Yours Co-cordially,

TARUN SHAH |
Cell No: +91-98240 18522
MANAGING DIRECTOR





SR.NO	PRODUCTS	DISCRIPTION
1	" ELECTROLYTIC SEWAGE TREATMENT PLANT"  	BT Make " STP" Plant designed & development indigenously, this revolution concept of packaged STP drastically cuts cost on treatment, reduces space requirement, runs low operating cost & most importantly produces sparkling clear water free from order meeting with most stringent norms.
2	" Effluent Recycling Plant"  	BT Make "effluent recycling plant" we can supply the tailor made plant as per your waste water to recover the valuable product from effluent. We have pilot plant facility to take trial at your site.
3	" High Recovery Reverse osmosis system"  	BT Make "Industrial reverse osmosis plant" is Most energy efficient RO with annual saving up to rs.80,000* for 6m3LPH system & High salt rejection RO with 99.5% rejection.
4	"Demineralisation Plant"  	BT Make "Demineralization or Deionization" is the process of removing mineral salts from water by using the ion exchange process. With most natural water sources it is possible to use Demineralisation and produce water of a higher quality than conventional distillation.

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“ Water Softening plant (WSP) ” , “ Pressure sand filter (PSF) ”



“ Activated carbon filter (ACF) ”



BT Make “ WSP ” is the removal of calcium, magnesium, and certain other metal cations in hard water. The resulting soft water is more compatible with soap and extends the lifetime of plumbing. Water softening is usually achieved using ion-exchange resins.

BT Make “PSF” (MGF) is very useful to remove suspended solids from impure and contaminated water. With compact size, these have sturdy construction and easy to operate. These systems also exhibit durable life.

BT Make “ACF” is commonly used for removing organic constituents and residual disinfectants in water supplies. This not only improves taste and minimizes health hazards; it protects other water treatment units such as reverse osmosis membranes and ion exchange resins from possible damage due to oxidation or organic fouling. Activated carbon is a favored water Treatment technique because of its multifunctional nature and the fact that it adds nothing detrimental to the treated water.

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“ Chemicals for Boiler, Cooling tower & RO Plant ”



BT make “ Boiler & Cooling tower chemicals ”

BT-118D- Descaling chemical
BT-118R-Cooling tower Antiscalant
BT-Acide- Algae & Fangs Preventive
BT-401- Boiler Antiscalant
BT-450-Oxygen scavenger
pH Booster chemical for Boiler, Cooling tower & RO Plant.

And other chemicals also for ro Plant...

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“ Swimming Pool filtration plant ”



BT make “Swimming pool filtration” refers to methods for ensuring healthy conditions in swimming pools, hot tubs, plunge pools, and similar recreational water venues. Proper sanitation is needed to maintain the visual clarity of water and to prevent the transmission of infectious diseases.`

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" Troubleshooting of ETP, STP & RO"



BT work on Troubleshooting of any chemical process, sludge recovery & ETP, we can also take AMC and O&M contract for water treatment plants.

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"U.V. Filters"



We supply a number of high capacity Industrial UV Units for several clients in diverse industries. Our products comprise of UV System Teflon and Quartz based, Surface UV Treatment, UV Treatment for Storage Tank, Open Channel UV System, UV Irradiator, Micron Filter etc. Besides the above we also supply UV measuring instruments such as Online UV Intensity Meter, UV Intensity Monitor, UV Portable Intensity Meter etc

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" SPARES OF ALL WATER TREATMENT PLANTS"

 <p>"Codeline" Pressure Tube</p>	 <p>"Structural" Tanks</p>	 <p>Hydranautics Membrane</p>	 <p>Control Panel</p>	 <p>Wellmate "FRP" Booster Tank</p>	 <p>Manual Valve</p>
 <p>"Aqualine" C.F.</p>	 <p>Dosing pump</p>	 <p>BT "Norit" UF membrane</p>	 <p>MBL Cartridge</p>	 <p>Hydromate Booster Tank</p>	 <p>Auto valve</p>

Water Analysis laboratory - Analytical

- Conductivity
- Total dissolved solid (TDS)
- Total Hardness
- pH
- Calcium
- Silica
- Colour
- Odour
- Total suspended solid (TSS)



- Chemical Oxygen demand (COD)
- Biological oxygen demand (BOD)
- Sulphate
- Bromide
- Chlorine
- Temperature
- Sulphite
- Alkalinity



BT Water Team:

BT water team members working in the field of water and waste water treatment, chemical engineer, social science, engineering, civil, electrical, Business management, computer, mechanical, pharma & Finance India.

Tarun Shah **Proprietor**

Education Qualification:

- M Sc. (Chemistries) & Industrial Engineer (MIIE) From Mumbai university,
- 26+ year experience in water and waste water treatment plants & Utility equipments
- 26+ year experience in all type of turnkey projects in water treatment, Projects planning.



Mrs.Beena Shah **VP-Account & Finance**

Qualification:

- B.Com (Account & Finance), Diploma in accounting and auditing.
- Over 18 Yrs. Experience in Software & Accounts.

Bipin Patel **Partner**

Education Qualification:

- Bachelor of engineering (Mechanical) & Diploma in environment
- 22+ year experience in Trunkey projects & Electrification
- 23+year experience in water treatment plants



Mrs.Sapana Patel **VP- Account & Admin**

Qualification:

- B.A (English), PGDHRM
- Over 12 yrs. Experience in Admin & Accounts.

Urmit Patel	Sunil Patil	Pranav Suthar	Paresh Patel	Mukesh Chauhan
Manager-Projects & Process	Manager-Account	Design Engineer	Asst.Manager-Marketing,	Manager-Production
Edu: MBA(HR & MKT)	Edu: M.com (E.du: Diploma in	Edu: M Sc in	Edu: M.A with
: B Sc (Biotechnology)	Account & Finance)	design engineering,	Chemistries	Economics
		Autocade		

BT Water Treatment Pvt.ltd: Selected Clients

We have successfully completed Or Commissioning our projects in different sectors.



Pharma & Chemical sectors

- Sun Pharma Ltd
- Glenmark pharma ltd
- Zydus cadila ltd
- Zydex industries ltd
- Du pont ltd
- Rellis ltd and more.....



Engineering sectors

- L & T Ltd
- Siemens Ltd
- ABB Ltd
- Gunnebo india pvt.ltd
- R R cable ltd.
- Polycab wires ltd
- Aditya Birla ltd



Glass & Food sectors

- HNG Float Glass
- Manpasand Agro food
- Primal glass ltd
- Haldyn glass ltd
- Amul Dairy
- Anand agro food ltd.



Paint & Cement sectors

- Asian Paints ltd
- Berger paint ltd
- Jaypee Group ltd
- Dynamic paints pvt.ltd.
- Dyster Dyes Pvt.ltd
- Laxmi cement ltd
- And many more.....



Hospitals , Hotels & Infra sectors

- Sterling hospital
- Wokhardt Hospital
- Apar Group
- Iscon group
- Surya palace hotels
- Hotel Aditi resort



Oil , Gas & Mineral sectors

- Indian Oil
- Hindustan zinc. ltd
- Essar group
- NR Oils ltd
- HPCL
- Reliance industries ltd



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BT WATER TREATMENT PVT.LTD

MFG of Water & waste water treatment plants and chemicals

(Corporate Office):

A-101, Lad appartment,
Opp.pologround, Baroda-01
Gujarat (INDIA).
Ph : (0265)2417347/2426826.

(Plant -1)

B-48, Shankarpatel estate
Manjusar-Shokhda road,Gujarat
Vill: Manjusar, Ta: Savli,
Vadodara.
Ph:+91-98240 18522

(Plant -2)

Plot no:533, Manjusar GIDC,
Ta: Savli, Vadodara.
Gujarat (INDIA)
Vadodara.
Ph:02667-264522



Call Mobile: +91 98240 18522/ 98250 45229 / 8347008720

E-Mail: info@btwatertreatment.com / projects@btwatertreatment.com
Bta_brd1@yahoo.com

Web Site: WWW.btwatertreatment.com