

# TANGENT ENGINEERING

**Regd. Office** 1,Laxmi Cottage,Dr. Jawkar Lane,Sion-Chunabhatti,Mumbai-400022

Navi Mumbai office: Tangent Engineering 003/47.FAM CHS LTD, Plot No 19,Sector-11,Kopar Khairane, Navi Mumbai-400709 +91 22 27547676 E-mail-info@tangentengineering.in www.tangentengineering.in

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#### **Tangent Engineering : Company overview**

Established in the year 2010, Tangent Engineering in Mumbai started as Pharmaceutical machinery service providers & manufacturers. This well-known establishment now acts as a one-stop destination servicing customers locally and internationally. Over the course of its journey, this business has established a firm foothold in its industry. Company's core strength is the technical competency, know how & the service oriented approach towards the execution of projects that it undertakes. Years of experience & international exposure of the core members gives it an edge over the others. The belief that customer satisfaction is as important as their products and services, have helped this establishment garner a vast base of customers, which continues to grow by the day.

Tangent Engineering has expanded its line of products and services and caters to a larger client base in pharmaceuticals and as well other sectors such as Non-pharma water solutions, wastewater treatment solutions and serving other applications sectors such as Hospital, distillery, hatcheries, textile & dyes, and many more. It is known to provide top service in the following categories: Design, Manufacturing, Installation, and Commissioning and after sales services making it complete one stop solutions for users.



## **Our Products**

#### WATER PURIFICATION

 ✓ High Purity pharmaceutical water systems

 ✓ Purified water system & Water for Injection

- ✓ Ultra Filtration
- ✓ Reverse Osmosis
- ✓ Domestic and Industrial water treatment

✓ Demineralization, Water softening system

✓ Disinfection : UV, Ozone, Chlorine

#### \* SPECIAL APPLICATIONS

✓ Electro Deionization (EDI)

✓ Purified water storage and distribution loop

✓ Process/ Produced Water

✓Iron/Fluoride/ Arsenic Removal

✓Heavy Metal Separation, etc.

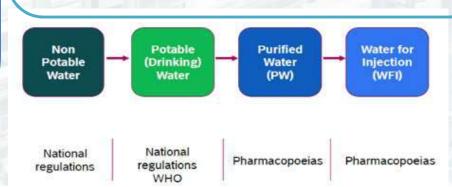
#### **\*WASTE WATER RECLAMATION**

✓ Sewage Recycle & Reuse
✓ Effluent Recycle & Reuse
✓ Zero Liquid Discharge



We Comply Quality Norms: •Pharmaceutical Water Systems are designed in accordance with the requirements of FDA, cGAMP, cGMP, cUSP, & cPH Eur.

•Non pharma systems follow national and international standards as per requirements





## Technology

- HI PURITY WATER TREATMENT
- PURIFIED WATER GENERATION
- WATER FOR INJECTION
- ELECTRO DEIONIZATION (EDI)
- DISTRIBUTION LOOP
- HOSPITAL AND HEALTHCARE WATER TREATMENT
- DIALYSIS, STERILE WATER TREATMENT

Industrial water treatment solutions

Waste Water

treatment products

Pharma &

healthcare

- INDUSTRIAL PROCESS WATER TREATMENT
- DRINKING WATER TREATMENT
- MEMBRANE BASED WATER TREATMENT: REVERSE OSMOSIS, ULTRA FILTRATION, NANO FILTRATION, MICRO FILTRATION
- FILTRATION AND ION EXCHANGE
- DEMINERALIZATION, DEIONIZATION
- DISINFECTION
- IRON AND METAL REMOVAL
- ARSENIC, FLUORIDE REMOVAL

- EFFLUENT TREATMENT SOLUTIONS
- DOMESTIC WASTEWATER TREATMENT PLANT
- OIL AND SEDIMENTS REMOVAL
- SOLID LIQUID SEPARATION
- MEMBRANE BASED WASTEWATER TERTIARY TREATMENT
- MEMBRANE BIO REACTOR
- **•ULTRA FILTRATION, OZONE, OXIDATION TREATMENT**





Chemicals , Solvents & Dyes

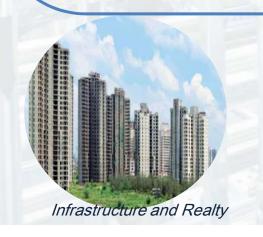


Food and Beverages



## Sectors we serve

- > PHARMACEUTICAL & HEALTH CARE
- > CHEMICALS, DYES , TEXTILE
- > AQUACULTURE , HATCHERIES
- FOOD AND BEVERAGES
- > PUBLIC HEALTH ENGINEERING
- > INFRASTRUCTURE & REALTY
- > SUGAR MILLS
- > AUTOMOBILE
- PAPER & PULP
- > POWER
- > CEMENT
- > HOTEL & HOSPITALITY







Fisheries, Aquaculture

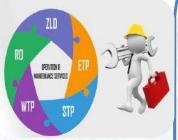




Hotels & Hospitality

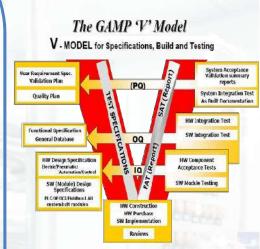


#### Services we offer





- ✓ Operation and maintenance services : Annual
   Maintenance Contract ( AMC), Preventive and on-call
   maintenance, troubleshooting services for your water
   treatment systems.
- ✓ Genuine spares and components supply and
- installation
- ✓Installation and testing, monitoring
- ✓ Documentation & validation services: IQ, DQ,OQ, PQ
- ✓ Riboflavin Test for Cleaning Validation
- ✓ Commissioning, startup
- ✓ Pilot studies
- Customized design engineering solutions for all types
   of water treatment
- ✓Technology up gradation, capacity enhancement











#### PHARMACEUTICAL WATER SYSTEMS









#### **INDUSTRIAL WATER TREATMENT**

50 KLH Ultra filtration system for Aqua Culture Industry Unit at Andhra Pradesh , India



20 KLH Pretreatment +Ultra filtration system for Aqua Culture Industry Unit at Andhra Pradesh , India



Pretreatment with pressure sand and Activated carbon followed by Ultra Filtration Systems



## WASTEWATER TREATMENT



Industrial MBR systems



