



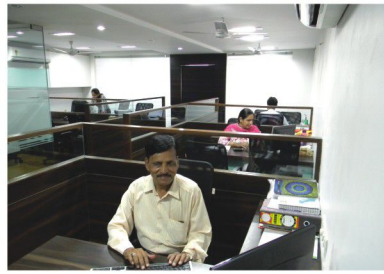
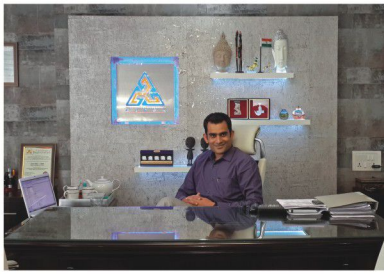
# GUJARAT ION EXCHANGE AND CHEMICALS LIMITED

AN ISO 9001 : 2008 Company

## WATER TECHNOLOGIES

CONCEPT TO COMMISSIONING





## About Us

**GUJARAT ION EXCHANGE AND CHEMICALS LIMITED - GIECL**  
AN ISO 9001 : 2008 Company has been established in 1996 at Ahmedabad, Gujarat, India to market specially Water & Waste water Treatment plants with increasing demands in Indian and International Market. GIECL believes in innovation and cost effective solution on customer requirements with quality. GIECL has very strong after Sales and Service back up with alliance with UPS and DHL services for Fast and Immediate Delivery of Spares at any destination. We believe in providing exceptional results, exceeding your expectations and building strong customer relationships through our quality of service.

We are one of the pioneers of water Treatment plants, Bottled Water Plant, Reverse Osmosis System, Mineral Adding System, Sea Water Desalination Plant, Filtration System, Desalination Plant, Softening Plant, Demineralization Plant.

GIECL provides solution for the allied product range on Turnkey basis in water treatment system with Bottle Filling machine, PET Blow Moulding Machine, Shrink Wrapping Machine for Group Packing, Date and Batch coding Machine, Conveyors, Air Compressor and Labelling Machine tailor made as per customer requirements.

GIECL also provides the project consultancy for Designing, Lay out, Erection and Commissioning with Trial Production for Turnkey Mineral Water Project. GIECL has international Alliance in Palestine, Sri Lanka, Dubai - UAE, Zambia, Mauritania, Mauritius for its Sales supports and Services and Technical Know How. GIECL has already installed number of projects around the world and have very wide experience in Bottled water project Industry.

## Our Mission

Being in the field for almost TWO DECADES, GIECL is holding a prestigious place in Indian & International market with end number of projects worldwide & huge knowledge because of the different kinds of water treated with different capacities & designed. GIECL has successfully run the projects in challenging situations.



## Our Products

### WATER TREATMENT PLANT

- Water Generation & Distribution System
- R.O. System (BWRO)
- Sea Water desalination Plant (SWRO)
- De Ionization System (DM)
- EDI System
- H.S.R.O. System
- Two Pass R.O. System
- Filtration System
- Softening Plant
- STP Plant
- ETP Plant
- MBR System
- UF System
- Micro Filtration

### BOTTLING PROJECT

- Turnkey Automatic Mineral Water Project
- Semi Automatic Turnkey Mineral Water Project
- Fully Automatic 4000 BPH Bottled Water Project
- Mineral Water Plant
- Spring Water Filtration
- Vitamin Water And Juice Project
- Filling Machine For Water , Oil, Soda
- 5 Gallon Water Project-20 Liters
- Automatic Group Packing Machine
- Pouch Packing Machine For Water & Juice
- Semi- Automatic & Automatic Pet Blow Moulding Machine
- Injection Moulding Machine For Preform And Cap







25.0 M3/Hr R.O. System for Brackish water for Drinking installed in Mauritius



15.0 M3 / Hr. R.O. System for Industrial use for Utility requirement such as Boiler, Cooling Tower, Laundry ect..



3.0 M3/Hr. R.O. System with Filtration, U.V. System for Drinking water in Institution, Hospital, Soft Drink, Juice, Bakery application



67.0 M3 /Hr First Pass and 50.0 M3 /Hr Second Pass Fully Automatic Most Advanced featured RO System for ultra pure water generation using ultra sonic flow meters, online pH & TDS controller, VFD driven Grundfos Pump with full HMI Controlled PLC Panel



1000 LPH Economical R.O.System in FRP for Drinking and Industrial Application



15.0 M3/ Hr. Water Filtration Plant for Township and communities supply

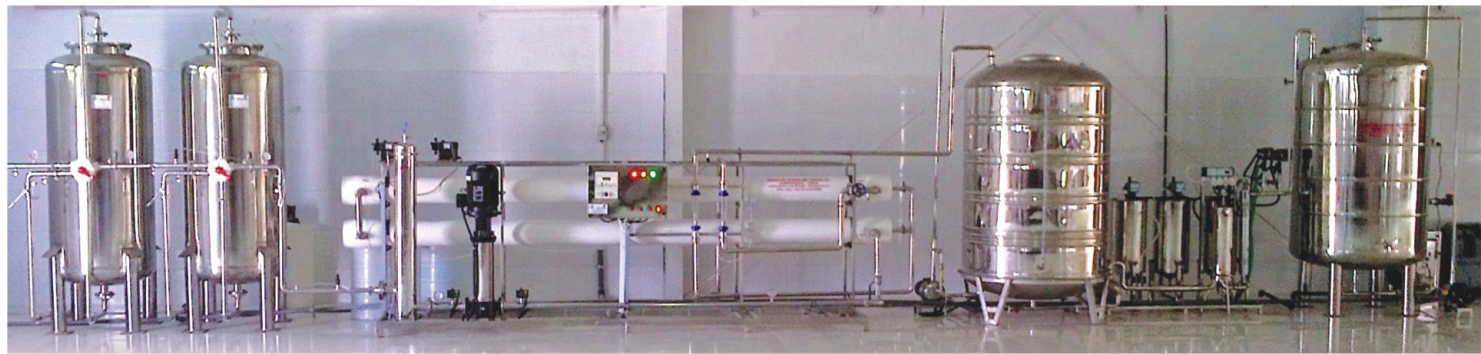


15.0 M3 / Hr. Brackish Water containerize R.O. system for Mobile transportation and use at Island for city council supplies



10.0 M3 / hour Sea Water De Salination plant used for civic supply on island for drinking and house hold application with mobility use





8.0 M3/ Hr Sanitary type S.S. 316 R.O. System with 9 Stage Water Purification for Bottled Water, Juice processing application



4000 BPH Fully Automatic PET Blow Molding machine



4,800 BPH - 24,000 BPH High Speed Fully Automatic Rotary 3 in 1 Rinsing Filling/Capping machine with Cap Hopper and Loader with Online Cap Washing Air Exhaust Filling system with No Bottle Rinse - Fill System



Water Treatment Plant (Page 2/3)			
Model	Type	Capacity	Description
GIECL 2K BW	Manual	2,000 LPH	Brackish Water Treatment
GIECL 5K SW	Manual	5,000 LPH	Sea Water Treatment
GIECL 6K BW	Manual	6,000 LPH	Brackish Water Treatment
GIECL 10K TW	Auto / Manual	10,000 LPH	Tap Water Treatment
GIECL 10K UF	Automatic	10,000 LPH	Ultra Filtration System
GIECL 12K FIL	Automatic	12,000 LPH	Filtration System/Softening System
GIECL 15K BW	Auto / Manual	15,000 LPH	Brackish Water Treatment
GIECL 25K SW	Manual	25,000 LPH	Sea Water Treatment
GIECL 50K 2PRO	Automatic	50,000 LPH	Two Pass RO System

Turnkey Mineral Water Bottling Project (Page 4)		
Model	Type	Capacity
GIECL 20 BPM TK	Semi Auto	1,200 BPH
GIECL 40 BPM TK	Partly Auto	2,400 BPH
GIECL 65 BPM TK	Fully Automatic	4,000 BPH
GIECL 75 BPM TK	Fully Automatic	4,500 BPH
GIECL 90 BPM TK	Fully Automatic	5,400 BPH
GIECL 120 BPM TK	Fully Automatic	7,200 BPH
GIECL 165 BPM TK	Fully Automatic	10,000 BPH
GIECL 250 BPM TK	Fully Automatic	15,000 BPH
GIECL 300 BPM TK	Fully Automatic	18,000 BPH
GIECL 400 BPM TK	Fully Automatic	24,000 BPH



6000 BPH Automatic PVC Shrink Sleeve Applicator with Steam Tunnel for PET / Glass Bottles for Labeling



4500 BPH Two in One Manufacturing Facility for Bottled water & Juice Processing and Filling unit at Mombasa, Kenya



Fully automatic 10 - 30 packs per Minute Automatic Shrink Group packing machine with or without tray, hard Board





12.0 M3/Hr Spring Water Filtration System complete in Sanitary type S.S. 316L material for High Grade Bottled water



Fully Automatic Sanitary type Online Mineral Adding system for High Purity Bottled Drinking water using online taste controller and operation with pH and TDS meter with 1 micron and 0.2 Micron Fine Filtration followed by UV system complete in SS 316



3.0 M3/Hr Ultra Filtration System for Bottled water Industries



6000 LPH R.O. System for Mineral Water Industries complete in S.S. 316 with Online Mineral Adding System for different taste of Bottled water



1.5 m3/ hr. HSRO ( Hot Water Sanitisable) system for Pharmaceutical Industries



10,000 LPH R.O. System for Mineral Water Industries complete in S.S. 316 with Online Mineral Adding System for different taste of Bottled water



RTD Juice processing plant for making Juice



Pasteurization system for Hot-fill Juice Processing with Pulp, Fibers, enzymes for Orange, Mango, Apple, Mix fruit





300 JPH - 5 Gallon RFC Machine



Automatic Carbonation system for Soft drink and Club Soda production



3.0 M3/Hr Two Pass R.O. System with Ultra Pure water production for Pharmaceutical factory



2.0 M3/Hr HSRO System with EDI system for Ultra High Purity Water for Pharmaceutical industries for USP, EP, WFI standard



90.0 M3 per hour Fully Automatic Water Filtration System with PLC Controlled Operation using Multi Media Filtration and 1000 IV High Grade Norit Activated Carbon for High quality Filtered water

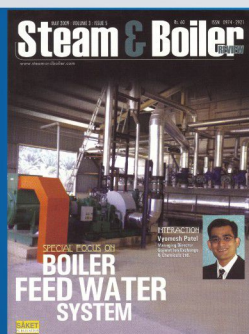
80.0 M3/ Hr. Water Filtration System for Breweries, Pool filtration, Water Park, Resort and other application to treat River / Lake Water



50 LPH Small RO system for Army, camp, Bakery, Restaurants, ect.



Mix bed unit for De-ionised water



Injection Molding machine for PET preform and Cap Closure manufacturing for Soft-drink, Juice and PET water Bottle production