



Sprintek Water Solution

W-14, MIDC Phase - II,
Behind DNS Bank, Dombivli East,
Dist- Thane - 421204.
Mumbai (India)

+91 97689 34747 | sprintekwater@gmail.com

 www.sprintek.in

Sprintek Assurance

**Turnkey Water
Management**

**Performing
Technology**

**Cost Effective
Solutions**

**Compliance with
Regulatories &
Guidelines**

**High Quality
Product**



Service and Support

Service Agreements 	Digital Solutions 
Spare Parts 	Maintenance 
Technical Support 	Modernization 
Training 	Expert Services 



Food & Beverages



Mineral Water Bottling Plant



Juice Manufacturing Plant



Soft Drinks Manufacturing Plant

Sprintek has a capability in providing turnkey machinery set up for Mineral water Bottling plant, Juices & Soft Drinks. We are highly specialized in the manufacturing of wide range of state-of-the-art semi-automatic, fully automatic and high-speed bottling plants and machinery to cater to the Food & Beverage industries for various types of mineral water, juices & soft drinks in various types of packing.

Quality based plant depends on various contributing factors. The underlined ones amongst these are:

- Smartly engineered plant components
- Implementation of cutting-edge technology
- Robust planning and adequate execution
- Plant installation adhering to defined industrial standards/guidelines
- Special measures are taken to assure the durability of the final product.

Our expert team sticks to the idea of engineering advanced grade food and beverage plants. This strengthens our brand image as a leading supplier. Since we are engaged in the installation and maintenance of the plant, it loads a bundle of added responsibility upon us. We are expected to understand the distinguished requirements of customers from various sectors.



“Sprintek Water Solution”, established in 2013. SPRINTEK provides a Turnkey Water Treatment Solutions to the various industries including Pharmaceuticals, Cosmetics, Food & Beverages, Chemical Manufacturing, etc.

SPRINTEK is formed by qualified professionals with more than 20 years of experience. Sprintek has a team for Project, Engineering, Production, Quality Assurance, Documentation, Installation, Commissioning and Service.



Vision

To be the leading provider of Innovation, Excellence, and Sustainable solutions in the fast-moving industrial & technology needs.

Mission

Identify ways to add value for customers.
To be a partner with customers to save water by providing unique combinations of water etiquette.

**What we
promise to
every customer**



Effluent / Sewage Treatment Plant

The aim of Effluent & Sewage Treatment is to enable wastewater to dispose of safely, without being a danger to public health and without polluting water sources. Increasingly another important aim is to reuse treated wastewater. A treatment system consists of a combination of unit processes to reduce wastewater contaminants to an acceptable level.

We provide Effluent Treatment Plant (ETP) for various types and natures of wastewater and effluents which combine advanced physicochemical treatment processes with a tertiary polishing system for the removal of organic, inorganic, oil & grease, heavy metals & suspended solids. Based on parameters as per nature & compositions we design a steady-state model to overcome environmental issues related to the industry. Our strength is achieving the permissible limits of resultant treated water per the Government norms.

Sewage Treatment refers to the process of removing contaminants, micro-organisms, and other types of waste products from wastewater primarily from households, hotels, and industrial wastewater. Raw sewage is water that originates from toilets, sinks, showers, baths, kitchens, laundry, etc. The sewage treatment includes physical, chemical, and biological processes to produce environmentally safe treated wastewater to reduce fresh water consumption.



Industrial Water

Almost all raw water sources: surface, ground, municipal, sea or others, require treatment before the water can be further used in any process application. Sprintek provides a sustainable and cost-effective solutions for various application. The application involves the process water required for:

- Drinking Water
- Boilers, Chillers, Cooling Towers, etc.
- Thermal Power plants & various utilities
- Cooling Tower, Swimming pools, etc.
- & Many more....

We provide following Water Treatment Solutions:

- Filtration Systems
- Softening Plants
- Demineralized Plants
- Ultra Filtration System
- Reverse Osmosis System
- Desalination Plants\



Shaping The Future

We improve quality of life with innovative solutions

We make our design more efficient and sustainable for the minimum rejection, and recycling of wastewater & its reuse for the benefit of the people and the environment. Our performing technology, experience & Precise solutions differentiate us from other competitors.



Long Term Economic Success

We strengthen your competitiveness

Our cost-effective design solutions ensure lower operating costs which help customers to budget the maximize production in lower costs. Thanks to our solutions and services, you can react quickly and flexibly to changing market conditions.



Safe & Smooth Operation

Our Systems & Services stand for reliability

We always deliver the quality you require and enable extremely long service life without any downtime. We always focus on high efficiency, quality & consistent performance.



Caring Partnership

Only if you are happy, so we are

We take care of our customers all over the world. From expert consulting to modernizing the existing plant, we pay close attention to your requirements and take responsibility for comprehensive solutions. In the event of difficulties, we provide quick support.

Pioneering Infrastructure that Matter



Process Vessel and Systems

Sprintek provides smarter technologies, systems and solutions to Pharmaceuticals, Bio-pharmaceuticals & Cosmetic companies. We specialize in design, engineering and manufacturing of automated processing systems and solutions provides smarter technologies, systems and solutions to Pharmaceuticals. Our systems and solutions comply with latest pharmaceuticals guidelines and regulatory.

We offer solutions for:

- IV Fluids
- Sterile Solutions
- Ointment Manufacturing
- Mixing Vessels
- Media Preparation Vessels
- Solvent Storage Systems
- Filtration Skids
- Bio-Kill and Decontamination Systems
- CIP and SIP vessels



Pure Steam Generator

Pure Steam Generators by Sprintek are capable of solving any problem of sterilization of pharmaceutical equipment and process lines. The Pure Steam Generator comes with pre-assembled compact skid. The efficient design produces the dry saturated pressurized steam complies with all the pharmacopeia when condensed. The system is PLC controlled and is fully automated.



- High Energy Efficient
- Double tube sheet sanitary evaporator
- SS316L construction
- Dry Pyrogen free steam



Expertise Fields



Pharmaceuticals & Cosmetics

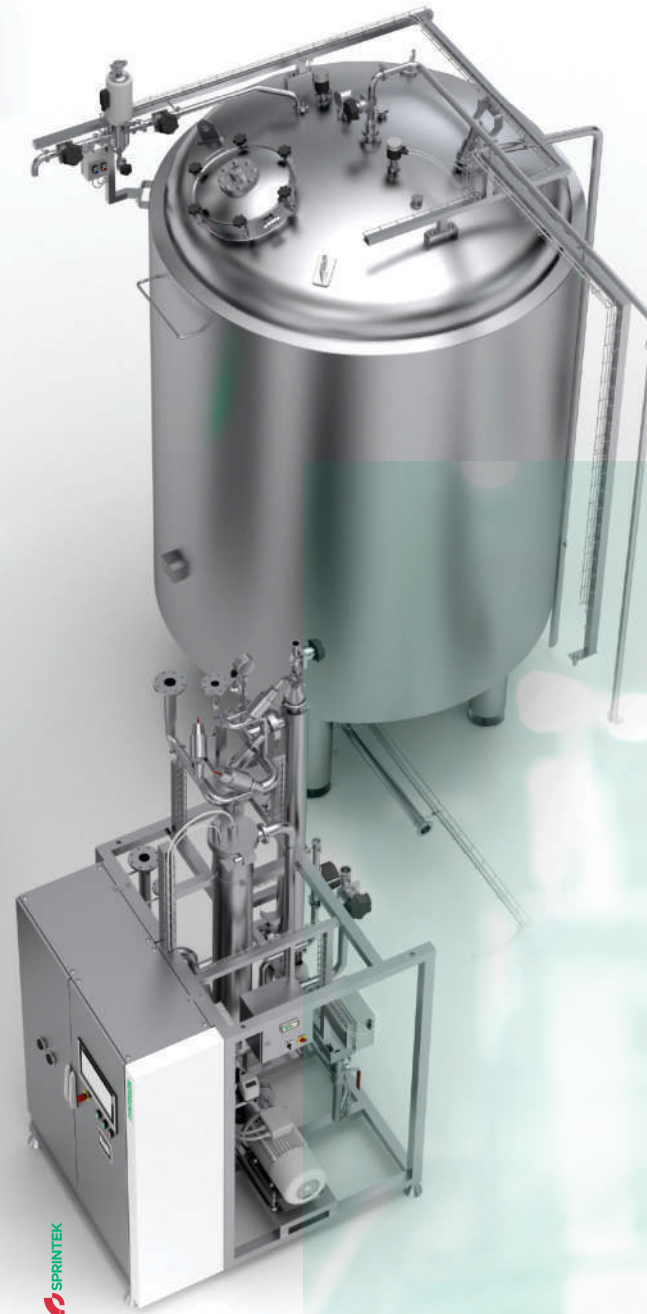
SPRINTEK has supported Food & Beverage manufacturers with complete Turnkey set-up solutions for 10 years. With our stand-alone machines and complete system solutions for the primary and secondary packaging of food products, as well as processing technology, we offer flexible machinery to accommodate numerous pack styles while striving for sustainable packaging solutions



Food & Beverages

SPRINTEK is one of the leading providers of Turnkey Water Management Solutions to the Pharmaceutical & Cosmetics sector. Whatever your needs, our vast portfolio has you covered: from Purified Water, WFI, Pure Steam, Process Vessels, Clean Utility Piping & Black Utility Piping.

Purified Water / WFI Storage & Distribution System



PW / WFI Storage & Distribution System is designed to get desired peak demand, to maintain optimal balance in the tank, its turnover and Quality throughout the loop and at each user points. The entire system is mounted on compact skid for the distribution, disinfection & monitoring of the system. Complete system can be sanitized / sterilized as and when required.

- SS316L Storage Tank- Internally electro polished & Externally Matt Finish
- Online process parameter monitoring
- Return Line Velocity management
- Peak Load Management
- Dead Leg - $\leq 1.5 D$
- 1: 100 slope for 100% drainability
- Zero Dead Leg Sanitary User Point Valves
- Chloride free high temperature insulation
- Pipe in pipe insulation for Clean room applications.

Water For Injection Generation



Sprintek's WFI generation distillers match global standards for performance, reliability, safety and energy efficiency. Each system complies with the latest cGMP and GAMP requirements. The products are fully equipped to be integrated to an overall building management or 21 CFR Part 11 system. Multi Columns Distillers are available from 50 to 6,000 LPH capacity with three to eight columns configuration. Our Multiple Effect Distillers are designed and engineered to produce Water for Injection (WFI) in accordance with all the recognized pharmacopoeia. The system is capable of simultaneous production of WFI and also Pure Steam when needed.

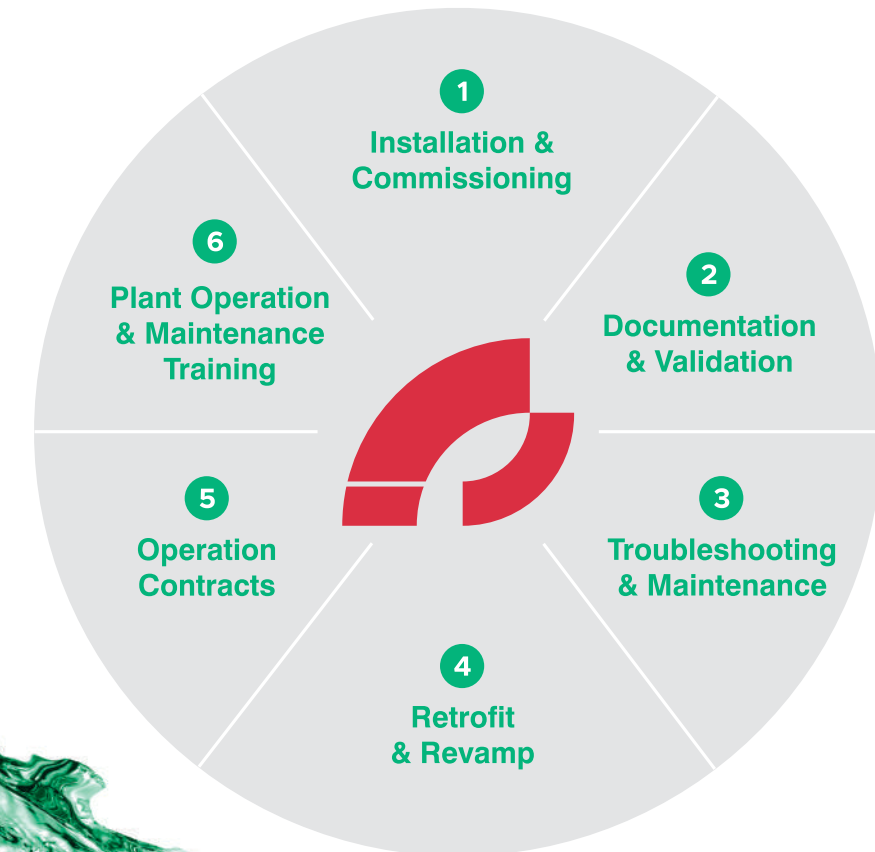
- Double tube sheet Sanitary heat exchangers
- Zero dead leg design
- Simultaneous Pure Steam and WFI generation
- SS316L Construction
- High quality Sterile water



Water & Waste Water

Over the past 10 years "SPRINTEK" has successfully provided Industrial Water & Waste Water Treatment Solutions to various industries for their various customized requirements of Water Treatment, Sewage Treatment, Effluent Treatment & Recycling, Sewage Treatment, Zero Liquid Discharge, & more.

Services Stand for reliability



Multiple active ingredients with Pharmaceuticals and Cosmetic Technologies

Purified Water Generation System

Pretreatment

Pretreatment plays a very important role in pharmaceutical water applications. Sprintek's each pretreatment system is uniquely designed for any challenging feed water conditions. The pretreatment systems are designed for the safety & better performance of RO-EDI system. Pretreatment removes the suspended particles, organic matters, turbidity, reduces the scaling effect. Particular care is given in order to grant the lowest risk of bacterial uncontrolled growth. Sprintek provides:

- Disinfection Systems
- Sand or Multimedia filters
- Iron Removal Filters for removal of Iron
- Duplex Softeners to remove the hardness
- Ultrafiltration systems
- Micron filtration system
- Chemical Dosing Systems



All plant operation is fully automatic. Manual operation can be provided on request

RO-EDI Systems



Sprintek can offer the Purified Water Generation System capacities from 100 LPH to 50,000 LPH. All plants are designed in compliance with ASME BPE, cGMP, ISPE, USP & EP Guidelines. Output water quality matches to all the pharmacopeias mainly United States & European Pharmacopeia. Sprintek's all the RO-EDI systems provides the following Key Benefits:

- Low operating cost and minimum rejection
- Modular compact design
- Fully Sanitary SS316L construction
- Automation and integration in compliance with 21CFR part 11, GAMP5 guidelines
- Smart control panels with connectivity to all the PLC's, SCADA's, DCS, Servers, etc.
- Technical Documentation
- Completely assembled on skid; ready to commission