



Company Profile

Ozone
World's Most Effective
Natural
Oxidizer



Technozone Environmental Solutions Pvt. Ltd.

INDIA

UAE

USA

Company Vision

To be the World's leading company in the manufacture of Ozonators (Ozone Generators).

To meet and exceed our customer's expectations about us.

To be the best Application Engineering company in the use and application of Ozone for various industries and in various processes. Thereby, providing the most environmentally and economically ideal solutions.

Advisory Board:

We have an advisory board, whose members have decades of Technical experience, as well as Strategic, Finance and Marketing experience. They are based in India, Europe and the USA. They steer and guide us to deliver results for our customers, with excellence. For more details of our advisory board, please visit www.technozone.in/management-team

Systems:

ERP/CRM systems: The company uses state of the art, cloud based Enterprise Management Systems with Ramco on Cloud ERP/CRM system. This helps us immensely to be flexible to customer needs, yet have an integrated system with all departments working seamlessly, from Sales, Service, Manufacturing, Finance to Supply Chain Logistics.

Total Quality Management (TQM) Systems: We rigorously follow the principles laid out in the TQM systems for all aspects of company operations from Sales, Service, Manufacturing to Supply Chain Logistics. We also adhere to the 'Kaizen' philosophy of continuous improvement.

Technology:

TECHNOZONE Environmental Solutions P. Ltd., (TES), is the pioneer in "Detonation Spray Coating (DSC) Technology" in India. DSC is one of the most advanced Ceramic coating technologies in the world. With this basis, Technozone proudly introduces – "Advanced Ceramic Electrode based Ozonators".

TECHNOZONE is the only company in India to manufacture Ozonators using ceramic electrodes. The electrodes are the heart of an Ozonator. This is done at our state of the art manufacturing facility in Chennai, India.

TECHNOZONE has researched & developed High quality Ozone Generators using the Ceramic Electrodes which are coated with Detonation-Gun. This results in the:

- Highest dielectric strength
- Highest concentration Ozone
- Consistent high level performance without drop-off in concentration unlike glass electrodes
- Significant Increase in electrode life
- Much smaller foot print of total system for a given output compared to glass electrode Ozonators

Shafel Tech, the parent company of Technozone, was the first company to introduce D-Gun (Detonation Spray Coating) in India 15 years ago. Doing Ceramic coating for high end machine components, aircraft components, etc., Shafel Tech is an ISO 9001:2008 certified company established since May 2000.

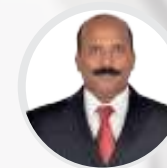
(Note: Currently in India Ozone generators are manufactured with glass electrodes which have very low concentration & low reliability, and they tend to have a very short life of a few months, before they crack or puncture, in the ozone formation process. They occupy several times more space than ceramic electrodes. Their ozone output also drops off dramatically after a few months of operation.)

While the electrode is the heart of the Ozonator, our custom designed hitech IGBT based electronics is the brain that monitors and controls all the input parameters, such as the current, voltage, frequency, etc., giving the optimum levels to the electrode to get the best quality Ozone output. We benchmark ourselves with the top 5 Ozonator manufacturers in the world.

Consistent product quality coupled with timely & innovative solutions has placed TES as the fastest growing Ozonator manufacturer in India. TES has extensive experience in manufacturing high concentration, large capacity ozonators, from 100 gm/hr to 10 kg/hr capacity & above). TES has the solution for all air, water, waste water, effluent & sewage treatment requirements with respect to Ozone Technology.

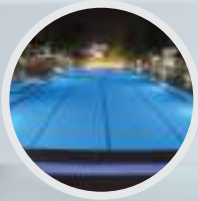


Sagayaraj A. Managing Director & Founder, He is an engineer from PSG college of Technology, Coimbatore, India, and with a Masters in Material Science, from Clemson University, Clemson, S.C., USA. In addition to several responsibilities, he actively heads the Research and Development, and Application Engineering Division.



Srinivas Rao K. Executive Director, He is an engineer from R.V. College of Engineering, Bangalore University, Bangalore, India, and with a Masters in Industrial Management, from Clemson University, Clemson, S.C., USA. In addition to several responsibilities, he actively heads the Manufacturing, Sales and Marketing functions.

Water Applications



**Swimming Pools,
Water Theme Parks**

ಆರೋಗ್ಯಕರ ಸ್ವೀಪಿಂಗ್ ಸ್ಪೋರ್ಟ್ಸ್ ಸ್ಪೋರ್ಟ್ಸ್



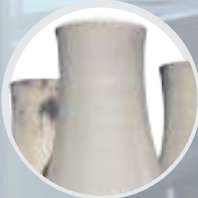
Drinking Water

RO Plants, Hotels, Restaurants,
Schools, Colleges
Municipal Water treatment plants



Aquaculture

Shrimp Hatcheries,
Seafood Processing



Cooling Towers

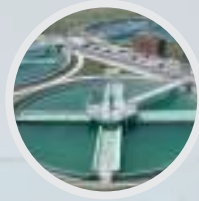


**Food Processing,
Sugar Mills,
Starch Mfg**



**Hospitals,
Dialysis Centers**

Waste Water Applications



Industrial Effluent

TES Techno
Environ



STP Water Reuse

Town/City Sewrage Treatment Plants,
Hotels, Apartments/Office Buildings,
Industries,
School/College Hostels



Cyanide Destruction

Electroplating,
Gold Mining



**Common Effluent Treatment
Plants (CETP)**



**Pharmaceutical,
Hospitals**



Rice Mills

Parboiling

Air Applications



**Office Spaces,
Clinics, Hospitals,
Theaters, Malls, Airports**



**STP/ETP Odour Control,
Toilets/Rest Rooms,
Smoking Areas**



**Cold Storages,
Industrial HVAC Systems**



Tissue Culture Labs



**Textiles
(Jeans/Denim Finishing)**



**Super Markets,
Food Processing Industries**



TM

Service:

While we pride ourselves in the quality of our products, and expect them to perform without fail, we realise that not all operating parameters are under control. So we have an able and always ready, factory trained service team at our customer's call. Mostly, these service engineers are setting up new installations, but can easily be sent to service any of our existing installations at any time.

In addition to standard warranty we also offer annual maintenance contracts (AMC) for a number of years, as required.



Capacity:

Air Applications: 500mg/hr to 20,000mg/hr

Water Applications: 5gm/hr to 10kg/hr and above

Technozone Environmental Solutions Pvt. Ltd.

India

Bangalore
Chennai
Cochin
Hyderabad
Kakinada

Overseas

UAE
USA

Factory:

No. 1, SIDCO
Industrial Estate,
Thirumudivakkam,
Chennai,
India - 600 044
+91 44 4285 2196

www.technozone.in

Corporate Office:

Century Corbel,
Main Road
Sahakar Nagar
Bangalore - KA
India - 560 092
+91 80 4221 4455