



Ozone Services Industries

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COMPANY PROFILE

Ozone Services Industries Pty Ltd (OSI) is a well known and credible provider of ozone generators, ultra violet systems and associated technologies used in water, air and sewage treatment applications in Africa.

A. Water purification (Aquazone and Ozonia brands).



- Water purification plants mounted on a skid or containerised to provide potable water from any source including sewage or grey water.

B. Air Purification



- Portable, wall mounted or ducted systems to purify, deodorise or sterilise rooms, factories, fridges, cold rooms, offices, toilets etc.
- Natural organic disinfectant systems to extend shelf life of fresh produce and to reduce spoilage.

C. Sewage and waste water treatment



- To treat sewage and to remove COD's naturally to be safely reintroduced to eco systems or to be used for recycling such as flushing or irrigation.

D. Disinfection using ozonised water as a rinse.



- To sterilise surface areas and /or Clean in Place Systems
- Rinsing fresh food to eliminate surface bacteria and micro organisms to extend shelf life and reduce spoilage.
- Rinsing of bottles in Bottling plants to ensure contaminant free packaging before the product is introduced.

E. Disinfection and sterilising or sanitising of air to

- prevent cross contamination of diseases and air borne pathogens,
- kill surface bacteria,
- prevent mould growth



F. **Deodorising by oxidising the source of the smell** rather than masking with perfume.

- Smoking areas
- Garbage/refuse/drainage areas
- Room (hotel) deodorising
- Toilets deodorising and sanitising
- Cold rooms or mortuary fridges

airzone
purifiers

OSI have been South African Distributors for Degremont Ozonia since 2000.

OZONIA

The Company services a wide range of commercial, industrial, and domestic markets in water and air treatment and sewerage and effluent recycling in Southern and Central Africa Also OSI supply a range of products for use in the Health and Wellness markets.

Based in Randburg, Johannesburg, South Africa, OSI has the capability to design and manufacture, service, repair and maintain a large variety of ozone generating and ultraviolet equipment, including custom designed and OEM products, catering for most applications.

Ozone Services Industries Pty Ltd (OSI) commenced operations in 1997 and began to sell ozone generators and associated equipment to the air and water purification market in Southern Africa. In 2000, considerable investment was applied to research and development of a locally manufactured range of ozone generators, UV systems and associated equipment using the facilities and support of Industrial Development Company, SA. A full range of Air and Water units were then decided upon and sales began using the registered Airzone and Aquazone brand names throughout Southern Africa.

In 2000, OSI secured the Distributor status for Ozonia Ltd (Switzerland). A condition for this distributorship, was that OSI technicians required regular training at the Ozonia factory in Zurich and where OSI had to possess resources such as tooling and test equipment to install, service and maintain sophisticated plants supplied by Ozonia.

This enabled the Company to enter the large Industrial and Municipal market, principally in Water Purification, and servicing of old and new large Ozonia OZAT ozone generators and plants began.

Large plants worked on include the Municipal sewage reclamation plant in Windhoek which was completely refurbished by OSI and maintenance has also been carried out at the Sappi Ngondwana Paper Mill in Mpumalanga.

Various other projects have been commissioned by OSI including, amongst others, Midvaal Water treatment works, Nestles Bottling, L'Oreal, Plettenberg Bay Municipality, uShaka Marine World, Sasol Secunda and Anglo Plats Rustenberg, Modikwa, BMW SA, Roodeplaat Water Treatment Works.



aquazone
purifiers

biozone
purifiers

airzone
purifiers



ANGLO PLATS
MODIKWA MINE

PLETTENBERG BAY

USHAKA AQUARIUM

MIDVAAL

OSI is registered with GSSC (Gauteng Shared Services) as a vendor and supplies all of the Forensic Pathology Mortuaries and most of the Government Hospitals with mortuary deodorising and sanitising equipment using ozone and ultra violet technologies.



Most if not all of the Sun International Casinos in South Africa have used Airzone systems in their smoking areas since 2003.



The largest Spa/Jacuzzi suppliers in SA use Aquazone systems as the preferred disinfection systems preferring these to chlorine treatment methods.



OSI also has a working arrangement with Ozone Water Systems in Phoenix Arizona. OWS are the largest "Ozone" Company in the USA and are contracted by the major ozone suppliers to build complete plants throughout the world. OSI relies on OWS for technical advice and for specific skid units. OSI also participates with OWS in servicing and maintaining large projects in Kenya, Uganda and Ghana with Nigeria and Dubai for future contracts.

In 2009, the Biozone Ozone Services Industries Pty Ltd products were introduced to the product mix enabling the Company to also service the sewage/effluent reclamation and recycling industry.

The Biozone Package Sewage Treatment Plants, use conventional aerobic and anaerobic technology with biological media. This is a refined treatment system which ensures an effective and efficient solution to customers requiring sewage treatment or recycling or water savings.



GAME LODGE BOTSWANA SHOPPING COMPLEX MAPUTO KANGALA MINE 40 FT STP

This product/technology has been very well accepted in South Africa, Kenya, Mozambique, Angola, Zambia and Botswana and has opened doors for the Company where we are able to offer full turnkey plants on housing Estates, Shopping Complexes, Game Lodges, Golf Courses etc. This will be for the potable water supply, and final sewage recycling for irrigation or in to the local rivers or dams without contaminating the earth or atmosphere. In some specific cases where water is short or expensive, the sewage is recycled through reverse osmosis systems to drinking water standard. These plants are very much in demand on remote housing sites such as Mining ventures or Game Lodges.

OSI has accumulated an enviable data base of satisfied customers in and out of South Africa, where the Airzone, Aquazone, Biozone, and Ozonia products are well known for their efficacy and reliability. The company has successfully installed and commissioned over 40 large scale ozone and UV generators in a variety of industries and sold over 6000 small to medium air and water ozone generating products to all markets over the years.

Successful applications include:

1. Large Industrial Water Purification and Effluent Treatment projects,
2. Odour and Hygiene control in the Hospitality and Health Industries
3. Bottle sterilising and water sterilisation in Bottling plants.
4. Hospitals, Clinics , Offices and high rise building air purification (combating Sick Building Syndrome),
5. Jacuzzi/Spa disinfection
6. Ozone Therapy in the Wellness and Health sector
7. Domestic water and air purifiers.

Examples of Corporate Clients are:

Anglo Plats

Air Liquide

Sappi Ngondwana,

Goreangab Municipality, Namibia,

Sasol Secunda,

Southern Sun Hotels and Casinos

Nestles Water

L'Oreal, Midrand

Aveng Water



Fluor International

BHP Billiton

PCI Africa

Tshwane Municipality

BMW SA

OSI is supported throughout South Africa by a range of dealers and agents.

VISION STATEMENT

“To contribute to improving the Environment, Health and Wealth of developing countries by applying sustainable ozone and ultraviolet solutions in water, air and sewage treatment at a reasonable cost. The end result is safe and healthy living through the elimination of harmful chemicals and bacteria in the air we breathe, the water we drink and the foods we consume”.

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