

ZERO

TOTAL ENVIRONMENTAL CONTROL

Product line for neutralising odours.





Tecnoimpianti
#ProvidingSolution

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Line ZERO is a complete line of products and solutions for neutralising odours.

The fields of application are virtually unlimited, as the odour problem can arise in any industrial process.

Their unique characteristic of **zero impact on the environment** means that **Line ZERO** products can be used freely both outdoors and indoors in the presence of personnel.

In fact, all the products of the **Line ZERO** are non-toxic, contain no GMOs and are not subject to specific restrictive transport regulations.

INTEGRATED PRODUCTS AND SOLUTIONS

Line ZERO stems from **Tecnoimpianti's** desire to be ever closer to its customers, expanding its services and continuing to provide innovative solutions with a view to total environmental control.

From our plant engineering experience, we have developed specific products that allow us to maintain the high quality standards of our plants.

This philosophy can be applied to the many plant solutions we create: whether it is a scrubber, or a biofilter, or an ammonia stripper, or a desulphuriser, or ultrafiltration, there is always the need to ensure care and prevention.

The use of **Line ZERO** products gives the guarantee of being able to operate without risk, with tre-

atment plants that are always efficient.

Tecnoimpianti technicians are able to assess any criticalities and then propose the right product, including instrumentation for its administration, both on our plants and on existing plants where an engineering approach is required for upgrades or extraordinary maintenance.

ZERO are also the compromises that **Tecnoimpianti** is willing to accept in order to achieve maximum Quality: this is also why the best commercial promoters of our products are our customers!

APPLICATIONS

COMPOSTING



SMITHERIES and FOUNDRIES



WASTE COLLECTOR PLANTS



FOOD & BEVERAGE



ZOOTECHNICAL



WWTP



ZERO in the absolute sense is what the product line with this name is aiming for: **zero pollutants, zero emissions, zero exhausts, zero breakdowns, zero odours, zero snags.**

Line **ZERO** for **SCRUBBER**

The wet treatment guarantees excellent performance, but **sometimes it can be useful to add a specific product to the wash water as an adjuvant for odour reduction.**

Administration is very simple: in addition to an initial dosage in the tank, it is sufficient to dose it, using a dosing pump, into the make-up water.

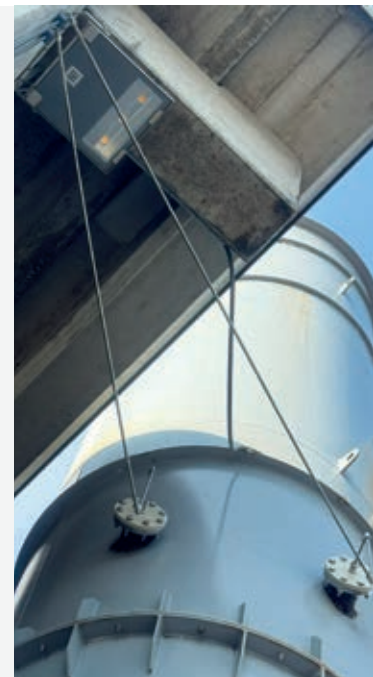
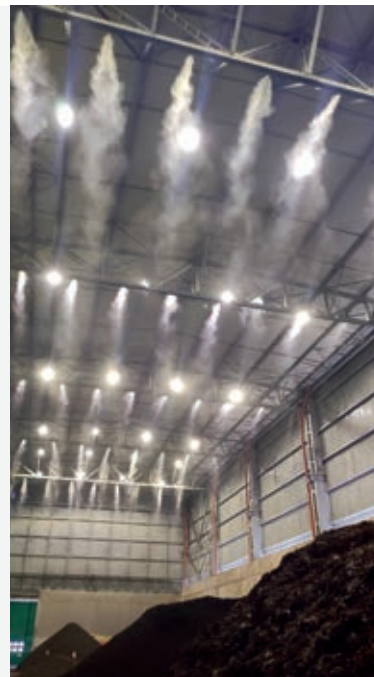


Line **ZERO** for **DEODORISATION**

The osmogenic barrier is a solution that can provide answers to different needs, both for ducted and diffuse emissions.

The right combination of distribution system, timing, correct dilution and strategic diffusion allows maximum abatement performance at the lowest cost.

Diffuse emission abatement technology through osmogenic barriers is also referred to as BAT.



Line **ZERO** for **DESULPHURISATION**

In the process of removing H_2S from biogas or air, to achieve the expected efficiencies continuously over time at sustainable operating costs, **it is essential to use a formulation, such as our FE-01**, that has the right combination of ferric chloride and organic iron complexing components in sulphur.

Correct dosing of oxygen and iron regeneration thus create a low chemical consumption system.



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ZERO EMISSIONS

ZERO TROUBLES

DEODORISATION

D-01

ODOUR NEUTRALISER FOR ATOMISATION

ZERO D-01 is a liquid product to be diluted in water, specially formulated to abate bad odours originating from industrial processes and waste, indoors and/or outdoors.

BIOGAS • BIOFILTERS

BIO-01

ORGANIC STIMULANT FOR BIOMASS

ZERO BIO-01 is a liquid product consisting of natural organic compounds extracted from plants and soluble Yucca Schidigera plant and seaweed.

BIO-02

BACTERIAL ADDITIVE FOR THE REACTIVATION OF BIOFILTERS

ZERO BIO-02 is a formulation of bacterial strains and nutrients specifically designed to reactivate bio-filters.

It has a broad spectrum of action, acclimatises quickly and is effective on any plant.

DESULPHURISATION

FE-01

CHEMICAL DESULPHURISATION PRODUCT

ZERO FE-01 is a liquid ferric chloride product specially designed for the oxidation of hydrogen sulphide contained in biogas or air, resulting in the reduction of Fe^{3+} to Fe^{2+} .

SCRUBBER

SCR-01P e SCR-01L

ODOUR-ABATEMENT AIDS IN SCRUBBERS

ZERO SCR-01P e SCR-01L are a solution for increasing odour abatement effectiveness in scrubbers.

The first is a powder product necessary for an initial activation and colonisation phase; the second is a liquid product necessary for the subsequent maintenance and nourishment phase.

Tecnoimpianti Water Treatment S.r.l.

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WATER



AIR