



Providing Treatment Solutions for Air, Water, & Land

www.TheiaLLC.com

(888)330-2260

Complete Air Treatment & Odor Control



Theia offers a range of solutions that includes standard products as well as innovative solutions that are designed for your specific air treatment or odor control requirements. We work with you to select the best solution for your requirements, your plant, and your budget.

Whether you need a single component or a turnkey treatment system, Theia Air is your best source. We cater our approach and our scope of supply and involvement to meet your goals and your requirements, not ours. We can provide you with a single component or a turnkey treatment system as well as service contracts and long term leases. We provide you the best solution and stand behind it.

Technologies

**Carbon
Systems**

Biofilters

**Hybrid
Systems**

**Biotrickling
Filters**

**Regenerative
Media
Systems**

**Thermal
Oxidizers**

**Heat Recovery
Systems**

Scrubbers

**Waste Engine
Systems**





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Biofiltration for VOC Treatment, Biogas, & Odor Control

Save Green by Going Green



Biological Treatment of airborne contaminants is a well-established technology. Whether your goal is to limit fugitive emissions or to reduce nuisance odors, this truly green technology will remove and consume your airborne contaminants without creating any secondary contaminants and in an environmentally friendly, low GHG manner.

While the idea is well established, the technology has continued to evolve and like any technology, they must be applied correctly and designed for the application at hand. Theia and Odortool have been offering biological air treatment solutions for over 20 years and have a long track record of success. Our systems are designed to be simple to install, simple to operate and simple to maintain. We offer systems that couple biological treatment with other technologies to provide the best long term solution to the application. We know what these systems can do and what they cannot which is why we do not fail to accomplish the goal the customer sets in front of us.

We provide you with the best solution for your application and stand behind our design and our equipment. We offer long term and short term maintenance contracts as well as leases on the system.

For tighter emission requirements, we offer these systems combined with static or regenerating carbon systems.





Activated Carbon & Dry Media



The Theia Team has over 20 years of application experience using activated carbon to address air and odor issues across many industries. Theia Air offers a wide range of treatment media and equipment for virtually an

Media: Theia Air offers a wide range of activated carbon as well as other types of media for addressing your air and odor treatment requirements.

We offer the highest capacity media in the market for removing H₂S (hydrogen sulfide) as well as other sulfur compounds. We also offer high capacity virgin carbons for Volatile Organic Compounds or specialized media's for removing Siloxanes, Ammonia, Mercury, Vinyl Chloride, Chlorine, etc.



Equipment: Theia Air offers a full line of standard adsorbers for treating any air flow no matter how big or how small. This equipment is available in steel, stainless steel, fiberglass and Polyethylene. Our product line includes drum style canisters as well as turnkey multi-vessel systems complete with interconnecting ducting manifolds and everything in between. We offer a unique line of gravity dump equipment which allows the customer to replace the spent media without the use of



In addition to our line of standard equipment, we also offer a unique line of regenerative systems which regenerate the media beds and destroy or recapture the contaminants using one of our other technologies. This design allows us to treat very high air flows with a reasonable capital cost and very low operating costs. We offer this design with a variety of destruction technologies or can recover the product for you. Unlike the old concentrator systems, we design each unit specifically for your application so that it works all the time and is the most efficient and effective design for your project.





Thermal Destruction Systems



Thermal destruction is often the most reliable and most economical solution for treating your air pollutants but if the system is not properly designed and applied, it can cost you a bundle, fail to comply, and represent a danger. Theia Air is your combustion headquarters, offering high efficiency Thermal and catalytic oxidizers as well as engine systems and other options.

Better Oxidizers: we offer proven state-of-the-art designs which are built in house by our experts and delivered to you. Our systems provide you with the guaranteed destruction you need in a package that maximizes your heat recovery and minimizes your maintenance. Our RTO's are designed to be simple to operate and are maintained without confined space entry and are certified for zero leakage. We offer refurbished units for most applications which carry the same warranties as our new units at a reduced cost.

Full Service: we can also help install the units as well as perform repairs and upgrades to older less efficient units or recent acquisitions of inferior equipment. We specialize in upgrading older and less efficient thermal and catalytic oxidizers. We will also repair and maintain your oxidizers including media cleaning and replacement, etc. Upgrades of RCO units to RTO units can offer paybacks as short as one year or less. We can also make sure that your system keeps you in compliance and upgrade the controls to increase the level of safety.

