



**MONROE**  
ENVIRONMENTAL  
Water & Wastewater Treatment | Air Pollution Control

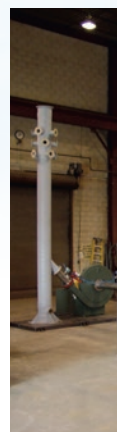
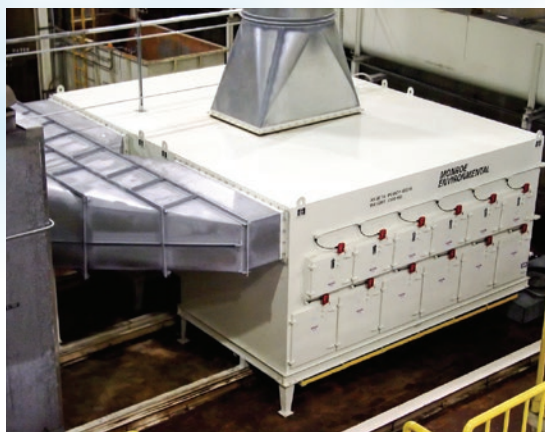
# AIR POLLUTION CONTROL & GAS TREATMENT

SYSTEMS, SERVICES, & SOLUTIONS



[www.mon-env.com](http://www.mon-env.com)

# AIR POLLUTION CONTROL SYSTEMS & EQUIPMENT



**Monroe Environmental® offers a broad range of air pollution control systems and equipment** for eliminating and minimizing a wide spectrum of air pollutants and regulated emissions such as acid gases, particulate matter, fumes, hazardous air pollutants, volatile organic compounds, oil mists, and objectionable odors from virtually all types of emission sources and applications. These systems include both standard, stand-alone systems for more conventional applications and custom-designed, multi-stage systems for specialized, high-temperature, or unique applications.

Monroe's air pollution control systems are engineered, designed, and fabricated to the highest possible standards for meeting or exceeding facility-specific requirements, site conditions, and regulatory standards. Our complete in-house fabrication capabilities and intensive quality control measures serve to ensure that each system is manufactured correctly and as needed for achieving successful, long term, and reliable performance.

## Air Pollution Control Systems

Monroe's air pollution control systems typically comprise any or a combination of the following technologies:

- Quench Towers
- Packed Bed Scrubbers
- Venturi Scrubbers and Cyclonic Separators
- Wet Electrostatic Precipitators
- Carbon Adsorbers
- Multi-Stage Scrubbing Systems
- Dust Collectors
- Mist Collectors

Monroe's experienced engineers ensure that the air pollution control technologies, components, stages, configurations and orientations, arrangements, materials of construction, and the like are correct and properly designed for each application and the site-specific requirements of each customer on an individual basis.

## Auxiliary Equipment, Components, and Devices

In addition to providing air pollution control systems, Monroe offers an array of equipment, components, and devices typically needed for enabling a complete turn-key installation. These include but are not limited to the following:

- Ductwork, dampers, and stacks
- Control and instrumentation systems
- Chemical storage and feed systems
- Blowdown and water treatment systems
- Carbon and filter media
- Pumps, piping, valves, and fittings

## Spare/Replacement Part Supply

- Stocked inventory of spare/replacement items; Monroe and others
- On-demand inventories and deliveries
- Expedited emergency replacement deliveries
- And more



# SERVICES & SOLUTIONS



**Monroe Environmental is an exceptional air pollution control firm**, and our excellent reputation and unqualified success are largely due to our integral combination of offerings comprising superior quality air pollution control systems, an encompassing array of services, and in our proven ability to identify optimum solutions to challenging air pollution problems.

Monroe's ability to ensure successful, cost-effective installations with long-term reliable performance is mostly attributable to our full menu of service offerings. Such services range from technical and engineering design to support through startup, commissioning, and post-acceptance. Additional support such as maintenance and repair plans, spare parts and component replacement, and turn-key installation services make Monroe Environmental a valuable partner for your air pollution control project. Our services include but are not limited to the following:

## Technical and Engineering Support Services

- Evaluations and troubleshooting of existing systems and problems
- Assessments for new and replacement systems
- Environmental permitting and compliance assistance
- System sizing and general arrangement drawings
- Mechanical, electrical and structural requirements
- PLC programming and HMI interfacing
- Cost estimating and budgeting
- Testing and gas stream analysis
- Air quality impact analysis
- And more

## Turn-Key Construction-Related Services

- Construction management and administration oversight
- Startup and commissioning
- Operator training and O&M Manuals
- Performance and compliance testing
- And more

## On-Site Services, Maintenance, and Repair

- Annual or as-needed service and preventative maintenance
- Emergency service support
- On-site servicing, adjustment, repairs, and replacements
- Extended warranties
- And more

## Piloting and Testing Programs

- Pilot scrubbers and collectors available for rent
- Installation and operation services
- On-site support
- System optimization
- Data and analysis reports



# ABOUT MONROE ENVIRONMENTAL

## Unsurpassed Experience and Reputation

Monroe Environmental is a premier provider of air pollution control systems and services in the United States and throughout the world. Since 1970, Monroe has provided thousands of air pollution control systems for industrial, municipal, institutional, commercial and government facilities. We have installations throughout North America, from northern Canada to southern Mexico, and around the globe. As a testament to our outstanding reputation, some of the largest and most prestigious manufacturing companies in the world routinely turn to Monroe to solve their most challenging air quality and air pollution control problems.

## One-Stop Shopping – Systems, Services, and Solutions

Monroe is a full-service company offering a complete line of air pollution control systems and equipment that are designed, engineered and manufactured for the needs of each customer and application on an individual basis. We have complete in-house fabrication and shop assembly capabilities that serve to reduce project costs, provide superior quality control, and expedite project completion times. We also have the experience and capabilities to provide turn-key installations along with a wide array of related services ranging from engineering and design through permitting, project management, and commissioning.

Monroe's staff of engineers, technicians, and project managers is highly experienced at evaluating, custom-designing, fabricating, installing and commissioning cost-effective, durable, and reliable air pollution control systems. In addition, in order to help ensure continued successful system operations with minimal downtimes and peak efficiencies, we offer a complete menu of support options that include extensive spare and replacement part inventories, as well as annual, as-needed, and emergency services.

## Experience the Monroe Difference

The foundation of Monroe's unrivaled success, reputation for excellence, and continued growth is our commitment to providing each customer the highest levels of service and support in combination with the best, highest quality and most cost-effective systems for ensuring long-term successful operations. This, combined with our top-notch staff, in-house capabilities, and wide array of offerings distinguish Monroe Environmental as one of the finest air pollution control firms.

Contact us today and let us help determine the best solution to your air quality or pollution control needs. Join the ranks of countless satisfied customers who have experienced the Monroe difference.



[www.mon-env.com](http://www.mon-env.com) • Registered ISO 9001:2015 and ISO 14001:2015



**MONROE**  
**ENVIRONMENTAL**  
Water & Wastewater Treatment | Air Pollution Control

810 West Front Street  
Monroe, Michigan 48161 USA  
Phone: 734-242-7654 • Toll Free: **800-992-7707**  
Fax: 734-242-5275 • Email: [sales@mon-env.com](mailto:sales@mon-env.com)

