



Keeping your natural gas or diesel engine compliant with regional and federal air quality regulations.

Utility and Prime Power • Gas Turbines-Simple and Combined Cycle • Municipalities • Marine Rail • Industrial • Healthcare • Mission Critical • Combined Heat & Power (CHP)

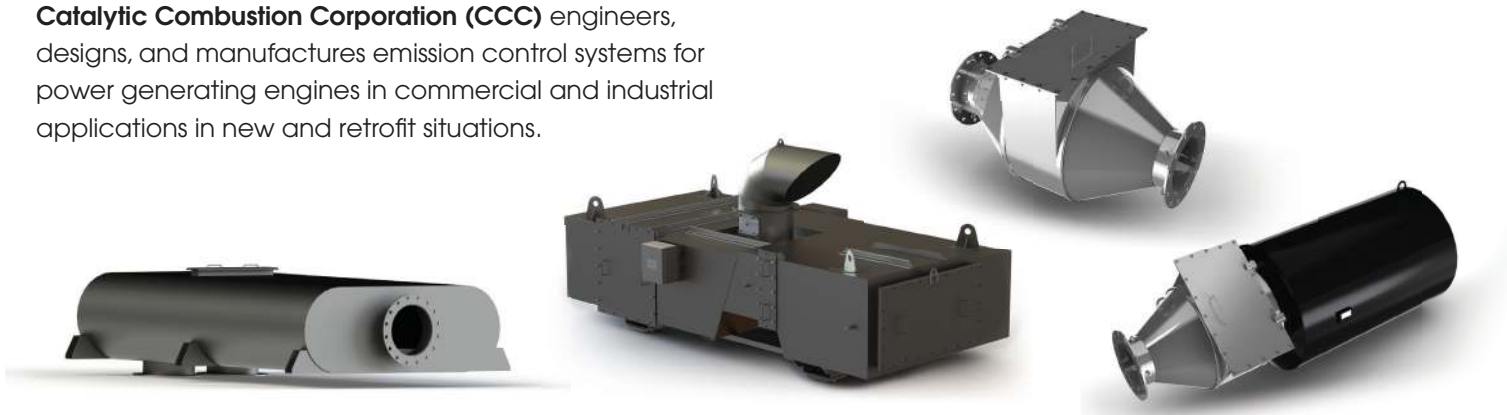
CCC Systems Reduce emissions of:

- Nitrogen Oxides (NOx)
- Carbon Monoxide (CO)
- Particulate Matter (PM)
- Volatile Organic Compounds (VOCs)
- Sound – Silencing technologies options for all products

CCC Meets Regulations such as:

- Environmental Protection Agency (EPA) Tier IV and above
- International Maritime Organization (IMO) Tier III
- Local and State regulations such as California Air Resources Board (CARB)

Catalytic Combustion Corporation (CCC) engineers, designs, and manufactures emission control systems for power generating engines in commercial and industrial applications in new and retrofit situations.



Emissions Control Technologies:

Silent NOx™ Selective Catalytic Reduction (SCR) is a compact solution to control NOx, CO, VOCs, HCs, PM and NH3 slip in one engineered system which can also have integrated sound attenuation.

Diesel Oxidation Catalyst (DOC) is used on diesel engines primarily for carbon monoxide (CO) reduction as well as to reduce the total hydrocarbon emission and particulate matter.

Diesel Oxidation Trap Catalyst (DOTC) is designed for use in applications requiring a more significant particulate matter reduction than a Diesel Oxidation Catalyst alone, but less than what a Diesel Particulate Filter would provide.

Diesel Particulate Filter is a proven strategy to reduce particulate matter, or soot, up to 99% from diesel engines. This product eliminates black smoke and diesel exhaust odor.

Oxidation Catalyst (CO Catalyst) is designed for use in combined cycle gas turbine power plants, simple cycle gas turbine power plants, and for new installations for replacement/retrofit. Formaldehyde reduction technology available.

Sulfur-Resistant Oxidation Catalyst is designed for use in combined and simple cycle gas turbine power plants where inlet temperatures may dip below 700° F or where variable composition natural gas or dual-fuel may be present. Formaldehyde reduction technology available.

Three Way Catalyst (TWC) is a non-selective catalytic reduction product for rich burn natural gas engines, propane and gasoline industrial engines, and chemical processes providing very high reduction rates of NOx, CO, HC, VOCs, and HAPs over a broad temperature operating range.

Silencer with Oxidation Catalyst is used in situations where sound attenuation is a need as well as stringent emission control requiring catalytic reductions.

Housings & Silencers Catalytic Combustion manufactures catalyst housings and silencers in a wide range of sizes and configurations to fit any application and give a custom fit and feel.

Custom Emissions Technology Catalytic Combustion's experienced team will work with you to develop an emission control system for your unique need. From engineering, prototyping, manufacturing, and certification, our team is ready to collaborate with you.

