

## Gas Turbines - HRSGs CO– Oxidation Catalyst

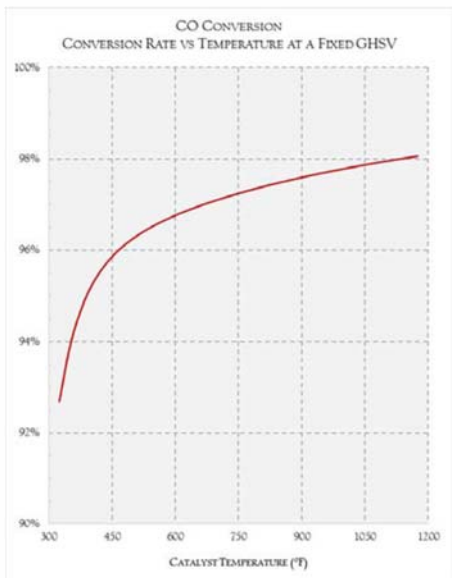


**Catalytic Combustion Corporation (CCC)**, located in Bloomer, Wisconsin, patented the first catalyst for the control of CO and VOCs in 1951. Utilizing our 65+ years of experience we have formulated our CO Oxidation catalysts with highly dispersed, nanometer-sized Platinum (Pt) crystals so the catalyst can **achieve the highest performance in reducing hazardous pollutants.** We can custom tailor the catalyst formulation for your power plant's specific performance requirements. Working together with you to arrive at the highest activity catalyst with the smallest footprint, the lowest backpressure and the longest life in the gas turbine industry.

### Applications

- Combined Cycle Gas Turbine Power Plants
- Simple Cycle Gas Turbine Power Plants
- New Install and Replacement / Retrofit





## Expected Performance

Generally provide 90% or more reduction of CO (Carbon Monoxide), VOCs (Volatile Organic Compounds), formaldehyde, HAPs (Hazardous Area Pollutants) and other toxic compounds deemed harmful to your health by the EPA. Temperature range of gas turbine catalyst is 350°F through 1,350°F.



## Ongoing Support

CCC can test your current CO catalyst for activity using our patented Activity Value Test System (AVTS™) and can provide cleaning services in lieu of full replacement, if applicable.

## Reliability

Having been around since the early 1950s we have history of developing catalysts for a wide range of applications. Additionally, we are an ISO 9001 certified manufacturing company. Our Vacuum Brazed Substrate (VBS) process fuses the layers of foil together resulting in a true monolithic substrate. A VBS substrate will not sag, telescope, or nest even when subjected to the severe pressure from the exhaust stream. Our Folded Catalyst Technology (FCT) permits us to manufacture robust catalysts that match your existing catalyst element quickly.

## Catalytic Combustion Corporation

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