

EMx™ for NOx, CO, VOC and PM Reduction

“Setting the Green Standard in Reduction Technology...”

EMx™ is the most advanced multi-pollutant emission control technology available today. EMx™ is a single catalytic system that reduces emissions of NOx, SOx, CO, VOCs and Particulate Matter (PM₁₀) to levels approaching zero throughout all operating cycles of your power generation application. It is the most effective Ammonia Free Reduction (AFR) technology available for gas turbine (GTs), internal combustion engine (IC), and industrial/utility boiler (IB) applications.

EMx™ systems consistently and reliably deliver:

- NOx reduction levels greater than 95% for GTs and over 98% for IC engines
- SOx reductions efficiencies of 97% or better.
- CO and VOC reductions to 0.5 ppm or less.
- PM reduction of 30% - 70%
- Significant NOx Reductions during cold starts.
- Catalyst life expectancy of seven years or longer.

Where desired, EMx™ systems ensure maximum reduction of all criteria pollutants without the use of ammonia or urea.

- Highly efficient removal of NOx, SOx, CO, VOC, and PM throughout the entire duty cycle of GTs, IC, and IB applications, including cold starts (25% 50% and 100% load)
- Robust system that consistently exceeds performance and reliability requirements, regardless of application
- Provides a true net reduction of emissions, resulting in potential costs savings for EMx™ technology user

EMx™ systems from EmeraChem Power™ are your proven solution for emission reduction, combining highly efficient performance with the flexibility and reliability you need to meet regulatory standards today and in the future.

EmeraChem Power™ is an authorized licensee of the EMx™ technology, and is a comprehensive provider of NOx and SOx catalytic systems, from analysis and permitting support, to engineering design and system delivery.

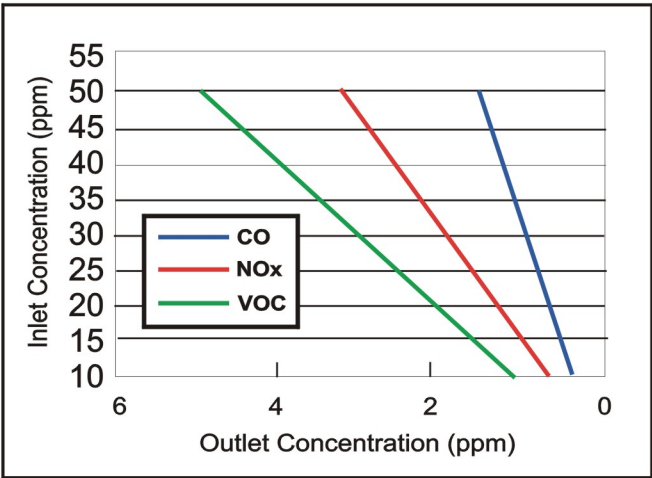


EMx™ Catalyst System: Technical Specifications

EMx™ Performance Guarantees Available

NO	<1.5 ppm
CO	<0.5 ppm
VOC	<1.0 ppm
S	>95%
PM	>30%
NH3 Slip	0

EMx™ Destruction Efficiencies (Constant Space Velocity)



Inquiries:

Send us your specification, drawings or gas stream data and we will provide you with a custom solution to your specific application.

EmeraChem Power™ is a leader in the catalytic control of NOx, SOx, CO, VOCs and PM for power generation and industrial applications.