

ESx[®]

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

ESx[®] technology and systems from EmeraChem Power™ selectively removes sulfur compounds (SOx) from gas phase exhaust streams while also destroying CO, VOC and Particulate Matter (PM₁₀). ESx[®] systems are durable and reliable, capable of meeting your SOx reduction for years to come.

Captures all sulfur derivates (SO₂, SO₃, H₂S):

- Gas phase process and segregation of sulfur species
- SOx reductions of 97% to 99.9%
- Yields a concentrated gas phase sulfur stream for efficient removal or re-use
- Efficiently protects other catalysts or sulfur sensitive equipment from sulfur masking or poisoning

Meets a variety of emission and commercial requirements:

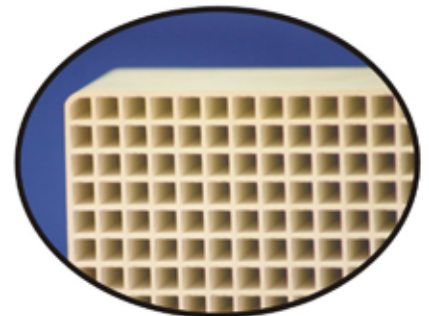
- The ESx[®] catalyst significantly reduces the formation of particulate matter precursors (30% to 70%) from turbines, internal combustion engines and process heaters
- Capable of reducing CO and VOC compounds to near zero levels
- Premium management of SOx with ability to easily incorporate the advanced EMx™ NOx control technology
- Converts high volume, low concentration sulfur gas stream into a low volume, high concentration gas stream for efficient sulfur scrubber removal process

Flexible and dependable catalytic system:

- Durable catalytic process, proven to exceed performance requirements and a life expectancy of 10 to 15 years
- Versatile SOx management capabilities yielding concentrated SO₂ or SO₃ effluent, or overall abatement
- Robust catalyst and components
- Backed by superior science and technical support that fits your needs

The ESx[®] system from EmeraChem Power™ is your proven solution for SOx management, combining highly efficient, advanced technology with the flexibility and reliability you need to meet performance standards of today and the future.

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



www.emerachempower.com