



Oxidation Catalyst

EmeraChem's ADCAT™ CO/VOC oxidation catalyst yields optimal conversion efficiencies with reduced catalyst volume for the lowest capital cost.

Discrete cell substrate construction:

- Metal and thin-walled ceramic substrates up to 400 cpsi.
- Ensures maximum durability with a mechanical integrity guarantee.
- Yields lower pressure drop & higher surface area than tortuous path substrates
- Prevents plugging of inter-catalyst channels and substrate nesting, which are common to tortuous path substrates.

Heavy-duty stainless steel module design:

- SS Module design incorporates either high temperature nickel alloy or ceramic substrate.
- Durable, longest-lasting, highest performance catalyst available.
- High quality replacement for all other catalyst brands

Application flexibility and long lasting performance:

- Highly reactive, durable platinum formulations for high performance and resistance to sulfur and poisoning agents.
- GT application backed with a performance and mechanical guarantee of up to five years, ten year guarantees available.
- Stationary IC application backed with a three year warranty on PERFORMAX products and one year warranty on Performance Grade catalysts, each with a three year mechanical guarantee.
- Broad operating temperature range from 425-750°F for HRSG & 2-cycle reciprocating engines, up to 1150°F for simple cycle GT's and 4-cycle reciprocating engines.
- Heavy duty support structures designed for easy individual mounting and replacement of catalyst elements.

EmeraChem is a leading, full-service provider of catalysts and catalytic solutions with resources encompassing every aspect required to satisfy application needs, from analyzing process conditions to delivering and maintaining the final product.

EmeraChem delivers distinctly-focused, customer-specific engineered solutions within budget and on schedule.

Literature:

[ICE Spec Sheet](#)

[Turbine Spec Sheet](#)

Application:

[Gas Turbine](#)

[Stationary ICE](#)

[Industrial Boilers](#)