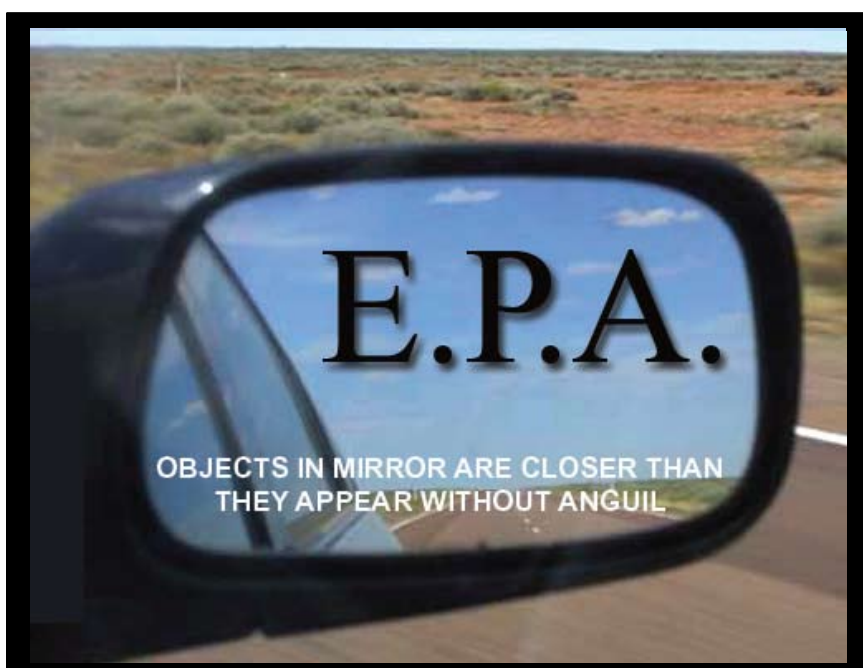


# Emission Control with an Energy-Efficient Twist: The Regenerative Catalytic Oxidizer (RCO)



- Volatile Organic Compounds (VOCs)
- Nitrous Oxides (NO<sub>x</sub>)
- Hazardous Air Pollutants (HAPs)
- Odorous Emissions

**REGULATORY COMPLIANCE GUARANTEED!**



- Regenerative, Catalytic, Recuperative and Halogenated Oxidizer Systems
- 99% + Destruction Rate Efficiencies
- Cost-Effective, Clean Air Solutions
- Over 1,600 Installed Systems
- Seamless Integration Into Process
- Oxidizer Service Capabilities, Regardless of Original Manufacturer

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Interest in reducing operating costs, energy consumption and carbon footprints is at an all time high for most manufacturers. Anguil Environmental Systems has developed a Regenerative Catalytic Oxidizer (RCO) that assists customers with these goals while still effectively destroying process emissions. The design is so successful that customers are often calling on Anguil to retrofit existing Regenerative



Thermal Oxidizers (RTOs) with the new technology.

Anguil has taken thirty years of catalyst experience and combined it with their quality RTO design, resulting in a system that achieves Volatile Organic Compound (VOC) destruction at temperatures 600 to 800°F lower than a standard RTO. Since catalytic oxidation occurs at lower temperatures, a catalyst bed is used in conjunction with the ceramic packing in an RTO or as a replacement of a portion of the ceramics. Less energy is then needed to preheat emissions entering the destruction chamber.

As a result, fuel consumption could be lowered by 50 to 95%, reducing the carbon emissions and high operating costs associated with many oxidizer systems. Depending on the process conditions and gas prices, the payback could be as low as three months!

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