

# REGENERATIVE THERMAL OXIDIZER

## METHOD OF ABATEMENT

One of today's most widely accepted air pollution control technologies across industry is a Regenerative Thermal Oxidizer, commonly referred to as a RTO. They are very versatile and extremely efficient – heat recovery efficiency can reach 97%. This is achieved through the storage of heat by dense ceramic stoneware. Regenerative Thermal Oxidizers are ideal in low VOC concentrations and during long continuous operations.



## ADVANTAGES

- Compared to other emission control technologies, Regenerative Thermal Oxidizers (RTO) are particularly reliable and carry a low operating cost
- This high energy efficiency comes in at around 95% and even, in some circumstances, up to 99%, greatly reducing fuel consumption
- Preferred method of oxidation, because of its variety of uses and applications
- Design simplicity
- Durability
- No metal expansion issues
- High thermal efficiency
- Achieve high levels of VOC destruction, to keep processes well below required DRE emission levels
- Low NOx operation
- Perfect solution for continuous operation
- Several customizable options, based on specific output and applications, often allowing for a reduction in cost.
- Eliminates as much as 99% of VOCs, which meets all EPA requirements for MACT, RACT, BACT, and LAER