

# REGENERATIVE THERMAL OXIDIZERS



## REGENERATIVE THERMAL OXIDIZERS (RTO)

- 35+ years of RTO design experience
- Full fabrication (45,000 ft<sup>2</sup>) and engineering services
- RTO sizes ranging from 1,000 to 400,000 SCFM
- High thermal efficiencies to reduce operating costs
- Structured and random packed ceramic media designs
- Compact & custom designs to fit existing space
- Factory pre-assembled at TANN prior to shipping



## POPPET VALVES

- Horizontal design for low maintenance and easy access
- Reliable and robust construction with 5 year warranty
- Machined poppet surface for tight seal
- Low leakage = high destruction efficiencies
- Quiet and smooth operation



# REGENERATIVE THERMAL OXIDIZERS



## ENGINEERING

- Engineering studies
- Energy evaluations
- Project management, mechanical & electrical engineers, drafting
- PLC programming and HMI screen design
- CFD and FEA capabilities
- 3-D model rendering



## TECHNICAL SERVICE GROUP

- 24 hour support
- Remote monitoring for quick support
- Preventative maintenance contracts
- Extended warranty programs
- Thermal imaging
- Fan balancing
- Spare parts inventory management programs
- Service capabilities include all RTO make and models



*Preventative maintenance with thermal imaging*

## OFFERING WORLDWIDE CAPABILITIES

- TANN USA - Kaukauna, Wisconsin
- TANN Europe - Essen, Germany
- TANN China - Wuxi, China



## INDUSTRIES AND APPLICATIONS

- |                                 |                |                        |                       |
|---------------------------------|----------------|------------------------|-----------------------|
| • Adhesive coating              | • Ethanol      | • Gravure printing     | • Pharmaceutical      |
| • Aerospace                     | • Film         | • Metal coil coating   | • Silicone coating    |
| • Asphalt                       | • Filtration   | • Odor control         | • Waste water         |
| • Automotive                    | • Foil         | • Packaging products   | • Web offset printing |
| • Can manufacturing             | • Food         | • Paint industry       | • Wood finishing      |
| • Coil / radiator manufacturing | • Foam         | • Paper converting     |                       |
| • Engine test stand             | • Graphic arts | • Petroleum / chemical |                       |