



CUSTOM DESIGNED THERMAL OXIDIZER

- Accommodates unique considerations for process needs
- Unit designed horizontally or vertically to fit site's physical constraints
- Direct fired or recuperative designs
- External nozzle mix burner or duct burner
- Incorporate alternate fuels
- Combust rich streams or low BTU gas streams
- Batch or continuous process accommodation
- Maintain plant availability
- 24/7 or weekly/daily shut-downs

If one or more of the following parameters apply, a custom thermal oxidizer is likely the best solution for air pollution control/treatment:

- Flow changes
- Particulate concern
- N-bearing compounds
- S or Halogen presence
- High DRE required
- Fluctuating flow rates
- Fluctuating VOC or heat content of waste/off gas
- Plant requires post-combustion APC
- Plant prefers special heat recovery method such as steam production
- High or low O₂ in stream



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