

# THERMAL OXIDIZERS

Thermal Oxidizers are the perfect choice for your Landfill-to-Energy project, where the site is removing siloxanes and must have the purge air thermally oxidized to destroy trace methane and other VOC's. If you are producing high BTU gas, and have a CO2 waste gas stream containing some carryover methane and other VOC's, our units can handle that as well.



## *How it works:*

We utilize two separate burners, one for the exhaust gas stream and one for the supplemental fuel. Each line is equipped with proper flame safety devices and there are also options for additional equipment including flow meters, flow control valves, pressure transmitters, etc. The supplemental fuel can be biogas or natural gas. Other options may be available, but please contact Perennial for job specific requirements.



Phone: (417) 256-2002  
sales@perennialenergy.com

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- Guaranteed to meet Federal and State regulatory requirements.
- Minimal supplemental fuel required.
- Robust controls and fast response rates to changes in the exhaust gas flows and pressures when your process has large process variations.

## *Installations in:*

**Georgia, Ohio, Oklahoma, Texas, Tennessee, Kansas, California, Indiana**

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