Advanced Technology, Field-Proven Performance

The ZULE (Zink Ultra Low Emissions Flare) delivers superior performance for biogas markets through exclusive, advanced technology. No other solution has more units in operation or a longer history of proven performance. The ZULE offers the lowest achievable NOx emissions in the industry, tested as low as 3~4 ppm, and near-zero CO emissions for temperatures as low as 1200°F.

More Features, More Control
- Field-proven and tested performance for both landfill and digester gas applications
- Successful service record with systems in operation since 1998
- Greater than 99.5% overall (99.9% methane) DRE expected
- Less than 0.02 lb / MMBtu NOx achieves
- Capacities up to 6,000 SCFM with a single ZULE flare
- Lower operating temperatures and less noise than standard enclosed flares
- Adjustable excess air to meet stringent emission requirements

The ZULE offers the lowest achievable NOx emissions in the industry. That's smart. That's JZHC.
JZHC has locations all over the map, with thousands of employees worldwide.

GLOBAL REACH

How It Works
The static mixer blends biogas with air, pre-combustion, to achieve superior emissions. With the ZULE, the air rate is calculated and controlled through the control panel and changes automatically through variable speed drives, depending on your biogas flow rate.

The ZULE flare has a specialized burner design specifically related to the pre-mix technology that offers greater flame stability and extra safety measures for flashback prevention.

Actual NOx Results

NOx emissions 75% lower than standard enclosed flares.

Actual CO Results

The CO “spike” associated with low operating temperatures is eliminated.

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