



Biogas Fuel Conditioning System

BioSpark improves system performance through the proper removal of moisture and contaminants from biogas. Our scalable, patented technology provides efficient biogas conditioning, resulting in reduced maintenance, lower costs and increased output.

FEATURES

Custom Engineered For Each Application

Delivered on a Skid or via Custom Mounting

Effective Dewatering and Contaminant Removal

Designs Minimize Recurring Media Replacements

High Quality Materials of Construction

Integration Requirements Built into System Design

Competitive Costs, High Standards of Performance

BENEFITS

Efficiently Designed for the Needs of Each Client

Customize Size / Shape for Each Application

Delivers Clean, Dry Gas to the Prime Mover(s)

Proper Vessel Sizing Ensures Efficient Media Changes

Built to Perform Under the Most Severe Conditions

Proven Reliability—Over 95% Uptime in our Current Installations

Great Value and “Best in Class” Performance

Available anywhere in the world, BioSpark Fuel Conditioning is compatible with any application where biogas can be captured.

Technical Questions:
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BioSpark is compatible with:
Reciprocating Engines
MicroTurbines
Fuel Cells
Boilers
and other Ancillaries



APPLICATIONS

- Wastewater Treatment Facilities
- Land Fills
- Agro Waste

INDEPENDENT LABORATORY TESTS CONFIRM REMOVAL OF

- Moisture
- H₂S
- Siloxanes

We gather site information, perform complete gas sampling and define the technical scope.

Contact us today to see what impact you can have on the environment and your organization.

INDEPENDENT LAB RESULTS	Inlet Sample (ppbv)	Outlet Sample (ppbv)
Octamethylcyclotrasiloxane (D4)	410	None Detected
Decamethylcyclotrasiloxane (D5)	2,240	None Detected
Totals	2,830	None Detected

**Siloxanes (by SIL-1 sampling method and CS/MS analysis)*

The BioSpark system in Oceanside, CA is in its third year with over 98% uptime.

www.biosparkusa.com

