



An Ovivo Company

## FIELD SERVICE

### Introduction

Biogas produced from anaerobic digestion is typically wet, dirty and contains corrosive elements such as hydrogen sulfide. The gas is flammable and provides a potential safety hazard if not handled properly. These unique properties of biogas require special consideration to the design of the gas handling system, especially in regard to maintenance and safe operation under all conditions of the anaerobic process. Varec Biogas, the leading total solutions provider of biogas safety and handling equipment, offers on-site field expertise.

### Site Surveys

Our Field Service Engineer will survey your existing biogas system and provide a comprehensive report that will:

- Troubleshoot causes for existing operation problems on your biogas system.
- Recommend an immediate solution to address the existing operations problem, as well as offer a permanent fix.

The site walk-throughs have proven to be a great tool that help the plant develop a budget that addresses future needs for rehabilitation and/or upgrade.

### Maintenance

Our qualified and experienced field service engineers are available for professional and timely periodic maintenance of installed Varec Biogas equipment.

It is our aim to provide cost effective periodic maintenance service so that the Varec Biogas equipment will:

- Perform to factory specifications.
- Produce maximum process uptime.
- Help our customers accomplish their objectives.



### Preventative Maintenance

Our service personnel will visit your facilities on your chosen schedule. A typical schedule is a semi-annual visit. The scope of work is listed but not limited to the following:

- Inspect the overall condition of the equipment, verify correct operation and make necessary adjustments or calibrations.
- Certify calibration to within the published factory specifications.
- Where necessary, lubricate the mechanical devices, inspect and replace parts of installed Varec Biogas equipment.
- Provide a detailed written report of the findings, including recommended solutions and parts replacement.
- Furnish updated documentation to you at no charge.

Having a Preventative Maintenance Contract provides the customer with a predictable yearly operations and maintenance budget for Varec Biogas equipment. Varec Biogas also offers an optional maintenance contract with a plant where a non Varec product has been installed. A site survey would be a prerequisite.

## Start-Up Services

You can rely on our field service experts to inspect proper installation of the Varec Biogas equipment via a comprehensive inspection checklist. This is vital in achieving desired operator safety.

Our field service engineers are also available for commissioning and start-up assistance of the equipment, and can lend their proficiency during field testing.

After successful commissioning of the Varec Biogas equipment, our field service engineers can provide necessary training to operators on the proper care, operation and the required preventative maintenance of the Varec equipment. Each site visit is documented with a comprehensive report, and Varec Biogas issues a Certificate of Installation Inspection, Commissioning and Start-Up Assistance. Varec Biogas recommends a follow-up site visit after a year of equipment operation to ensure plant system efficiency.



## Contact Us

To schedule any one our service options, contact your local sales representative or call us toll free at:

1-866-4-BIOGAS (866.424.6427)

Or via email at:

[info@varec-biogas.com](mailto:info@varec-biogas.com)

## Training

Varec Biogas provides both maintenance and operator training on site. Our qualified Field Service Engineers are lending their expertise in digester gas safety equipment and making it available at your doorstep. Whether this is your first time using a particular product or you just need a refresher course, training offers hands-on experience and a complete information kit as a resource for the future.

At the conclusion of training, operators will have a basic comprehension of how to efficiently install, calibrate and repair Varec Biogas products thus, minimizing downtime.

Topics include:

- Gas safety equipment specifications
- Safety hazards and precautions
- Installation
- Operation
- Start-up and shut down procedures
- Troubleshooting guidelines
- Preventative maintenance
- Recommended spare parts
- Routine and non-routine emergency procedures

The Varec Biogas instructor will provide all visual aids and training manuals. A training certificate with date, seminar title, material content and name will be issued once training is complete.