**🙚Methane Digester Engine Technician🙘**

Alliance Dairies

4951 NW 170th St.

Trenton, FL 32693

July 12, 2017

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Job Overview

Position Description

As a Methane Digester Engine Technician, you are responsible Responsible for include but not limited to the operation and maintenance of one 3516A+ Caterpillar (CAT) Generator, the blower flare station, treatment skid, gas collection system, and all associated equipment.

Major Areas of Responsibility

* Repair and maintain equipment
* Diagnosis and fix any electrical and mechanical issues with the system
* Communicate scheduling and responsibilities for the day with co-workers and supervisor
* Be preventative, instead of reactive with equipment and system
* Keeping written records of operating systems

Primary Objectives

* Effective Communication skills,
* Self-Motivated
* Listen to instruction
* Electrical and mechanical trouble shooting,
* Understanding of equipment and job hazarders,
* Confidentiality.
* Ability to lift 70lbs+.

Required Knowledge and Skills

* Operate one Caterpillar 3516A+ generator, maintaining on-line time and maximum production capacity.
* Remain on call 24/7 and schedule backup support for days off.
* Maintain the equipment on the blower flare stations, generator, and treatment skid as needed and required. Grease bearings on schedule, change oil as scheduled and change filters as needed. Trouble-shoot and repair equipment as needed. Notify management if further assistance is needed. Prepare documentation and record.
* Maintain the condensate system to ensure no liquid is passed through to the engines.
* Keep the sites clean, grass mowed, organized, painted and ready for visitors at all times.
* Constantly maintain the equipment to achieve maximum performance and maintain proper repair parts inventory. Keep inventory cost low by procuring repair parts from alternative sources when possible. Reuse parts when possible such as sandblasting spark plugs.
* Keep records of equipment PM maintenance performed and keep a copy on file for inspection.
* Operate, maintain, and repair when needed: the blower flare station, treatment skid and air compressor to maintain constant on-line time.
* Maintain the gas collection system to include but not limited to repairing hoses and associated hardware to prevent oxygen from entering the gas system, minimum of two monthly gas collection system readings or as deemed necessary by management, balancing gas to maximize gas quality.
* Maintain a complete log of required reports on the sync drive. Daily, weekly, monthly, quarterly, semi-annual and annual, downtime, timesheet, wellfield readings, GHG destruction reporting, service reports, and reports are to be emailed or entered in E-Maint on the date they are due and copies retained on site for review as needed.
* Maintain safe, secure, and healthy work environment by: follow and enforce standards, procedures, and comply with legal regulations.
* Operate all company vehicles in a safe manner and follow all laws relative to local authorities. Keep maintenance records and mileage log on all company vehicles.
* Keep management informed by maintaining records, sending reports or as needed contact by phone of any potential issues that could affect the safety or performance of the sites and or equipment.
* Contact and or meet on site, outside third party contractors conducting work or maintenance to installed equipment on site. Keep a record on file of all third party contractors as to what they do and when they do it.
* Keep site secure by keeping doors and gates locked.
* Keep site ready for visitors and potential customers at all times, keeping the site clean and ready for show.
* Assist State, Federal, and County employees as needed and maintain a professional relationship with them.
* Notify management if there is any time you are not able to cover your site for any reason with at least 30 day notice if possible.

Required Education and Experience

High School diploma or equivalent.

Trade school electrical, mechanical helpful.

Work Schedule

Full-time and on-call