

# THANGO

One of the by-products of that digester process is a biogas, often called methane gas because it is approximately 50% by volume methane. This gas also contains a small amount of hydrogen sulfide (H<sub>2</sub>S) making it corrosive and lethal in low concentrations. But this biogas is an efficient fuel stock, with the significant cost benefit of being free.

The technology applied to the project can be applied to most boilers with savings that offer real paybacks. Boiler owners can reduce their energy cost enough to cover the cost of improvements and provide added profits, help reduce our dependence on fossil fuels, and to be better environmental stewards by producing fewer greenhouse gases.

Our system mainly consists of following components:

- Biogas Burner
- Pilot Burner
- U-Seal
- Gas train
- Combustion air line
- PLC panel + VFD control for biogas blower

