

# LANDFILL GAS COMPRESSION SYSTEM









EAST KENTUCKY POWER
PENDELTON COUNTY LANDFILL
GAS-TO-ENERGY PROJECT
FALMOUTH, KENTUCKY







## LANDFILL GAS COMPRESSION SYSTEM

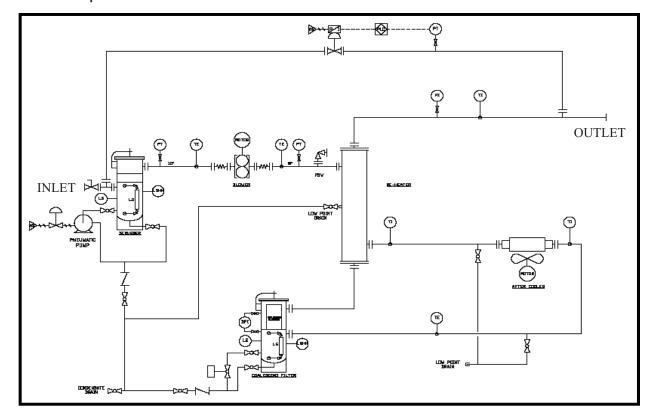
### SYSTEM DESCRIPTION

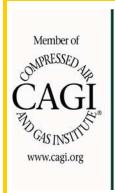
The Lectrodryer Landfill Gas Compression System is designed to compress, clean, and deliver a volume of landfill gas at a specified pressure and quality. The LGCS strives for efficiency, one that minimizes initial cost and seeks to operate at the lower possible horsepower. Lectrodryer's Landfill Gas Compression System is designed to meet customer specifications and can be installed indoors or outdoors.

### **COMPONENTS**

The Landfill Gas Compression and Clean-up System consists of:

- Blower
- Electric Motors
- Oil Management System
- Automatic Suction Valve
- Suction Liquid Knockout Vessel
- Aftercooler
- Discharge Coalescing Gas Filter
- Scrubber
- Gas Reheat Exchanger
- Controls





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