Monitoring vacuum on diesel engines

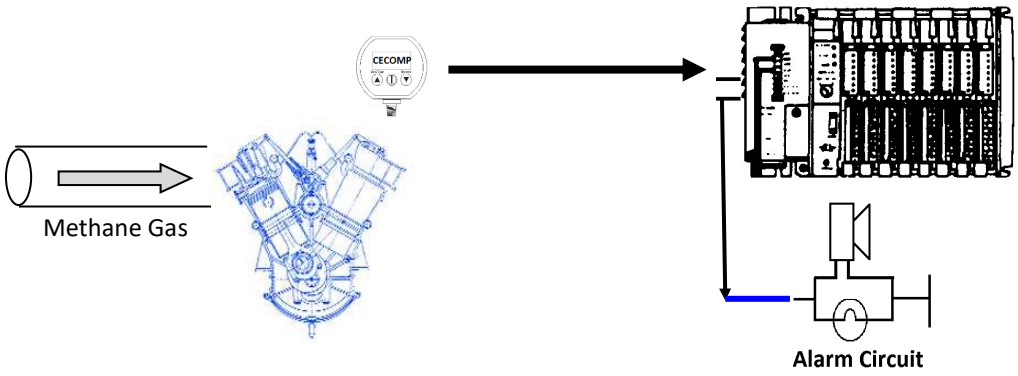
APPLICATION C127

Conventional sewage treatment involves three stages, called *primary*, *secondary* and *tertiary treatment*. The process is designed so that the final water product can be discharged into a stream, river, bay, lagoon or wetland, or it can be used for the irrigation of a golf course, greenway or park. If it is sufficiently clean, it can also be used for groundwater recharge or agricultural purposes.

Type of Company: Public Utility
Location: Arizona

The Engineering Issue

- The engineer has a requirement to use diesel engines running on methane gas created during the treatment process.
- The manifolds of the engines must be monitored to ensure that they never run under positive pressure, otherwise they will malfunction.



The engineer used a Cecomp F16L vacuum gauge. The F16L gives the customer both a visual indication and a 4-20 mA signal to send to their PLC for both data logging and alarming.

Problem. Solved.

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