

INSIGHTS ABOUT GASTECHNO®

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GAS TECHNOLOGIES APPOINTS KEN BATTLE SERVICES TO VALIDATE GASTECHNO® PROCESS DESIGNS AND ITS ECONOMICS

PETOSKEY, MI – (January 25, 2010). Gas Technologies LLC (GTL) is pleased to announce the agreement reached with Ken Battle Services to evaluate and validate the GasTechno Process technology and economic claims.

Gas Technologies has recently been evaluated by one of the world's most recognized energy and petrochemical companies in Europe. The evaluation resulted in some key questions that can be validated by a third-party professional engineering firm. Therefore, Gas Technologies began its search for an engineering firm with the credentials and capabilities to perform this scope of work. After proposals from several engineering firms in the United States, they selected Ken Battle Services based in New Jersey to complete this study.

“We chose Ken based upon his excellent and well thought out proposal and the excitement he shared about our technology and its future applications. He demonstrated his commitment to us in his attractive bid price and terms to do everything we asked plus more than we expected.” said Walter Breidenstein, CEO of Gas Technologies LLC. “As a small company the large engineering firms really don't take you serious unless you open up everything to them which can compromise the technology in seeking request for bids. Ken Battle Services followed our NDA procedure quickly, and really took the time to understand the scope of work and the turn around time requested. I am pleased with our decision.”

The GasTechno® Process is a single step gas-to-chemicals technology which produces oxygenates from natural gas. Because syngas production is not necessary, the process is considerably less complex, requiring significantly smaller capital investment compared to traditional fuel and chemical conversion technologies. Utilization of Total Process Integration puts heat and product streams to work, further improving process efficiency.

Ken Battle states, “This process has the capability of solving a wide variety of issues including conservation of natural gas, reduced flaring, lower CO2 emissions and reduced cost of production of the end products. The technology is innovative yet simple and it involves sound chemical engineering. Turning potential waste gas into a useful finished product at modest cost is certainly a Win-Win. I am glad to be involved.”

When applied to wet gas, the GasTechno® Process can be integrated with a unique, proprietary NGL plant, referred to as GasTechno® NGL. GasTechno® NGL maximizes economic returns by operating a GasTechno® plant side-by-side with a NGL-LPG plant based on common use of OSBL equipment, Total Process Integration, and optimal operating conditions. GasTechno® NGL together with the GasTechno® process can produce an attractive product slate which includes: propane, butane, natural gas condensate, methanol, formaldehyde, and even electricity. The methanol family of fuel and chemical derivatives alone includes the sought after products of gasoline, DME, olefins, acetic acid, and many others.

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