

Press release

AppliTek reveals unique QC/QA monitoring system for determination of Sodium in LPG

Nazareth, Belgium, February 30th 2010 – AppliTek, specialist provider of on-line analyzers and systems integration for several industries, is pleased to present its all new on-line analyzer system for the determination of sodium compounds in liquefied petroleum gas (LPG).

The performance and life of combustion engines optimized for LPG can severely deteriorate through elevated Sodium levels in the engine gas. Determining these levels at the downstream stage helps refineries to adjust process conditions. Whereas conventional techniques such as ICP or AAS can provide extremely high resolution and level of detection, these are of limited use in modern-day production processes where fast process feedback is required.

AppliTek's research has lead to the development of a proprietary wet-chemical technique (with a typical precision of < 0.01 %) especially developed for LPG manufacturers, allowing to finetune the process to yield a near as perfect product quality.

With the announcement of the unique analyzer system AppliTek is likely to have achieved Best Available Technology for this specific type of quality control in LPG manufacturing. The whole system, including preconditioning unit, is Zone 2 certified under the EU ATEX Directive 94/9/EC for use in potentially explosive atmospheres.

About AppliTek

Founded in 1985, AppliTek is a specialist manufacturer of monitoring solutions (on-line analyzers) for environmental and industrial applications. Its customers are found all around the Globe and vary from local EPC's to national authorities and private companies that are eager to invest in environmental compliance and process efficiency.

AppliTek is member of the Carbon Energy Club, a Belgian agency formed by equally Belgian companies having an excellent and world-leading expertise in the entire hydrocarbon value chain. With its experience obtained in the Oil & Gas sector, AppliTek has a selection of complementary analytical solutions for monitoring and controlling downstream petroleum applications. Find out more on www.applitek.com section "Industries & Utilities".