

Press Release

Volumetric flow measuring system with MID approval

FMC Technologies introduced its volumetric flow measuring systems from the SENING[®] product line for use on tank trucks with MID approval

Ellerbek, March 2008 – FMC Technologies is one of the first companies to fully implement the new Directive into its SENING[®] product line. In the process, FMC Technologies has attached great importance to practically all measuring systems for mobile use receiving a new approval. These include i.a. the SENING[®] T Series (T11, T20, T40) and the SENING[®] measuring systems GMVT 805 and GMVZ 1004.

The MID

The provisions of European Parliament Directive 2004/22/EC on measuring instruments (MID) came into force on 30 October 2006. The aim of the Directive is to create a harmonised European market for measuring instruments that are of particular importance for consumer protection and fair trading. Directive 2004/22/EC makes demands on the placement of the measuring instruments on the market (transfer from the manufacturer or dealer to the user) and on the commissioning of such measuring instruments.

The measuring system

The volumetric flow measuring system presented by FMC Technologies generally consists of three main components. The volumetric flowmeter (sliding-vane flow sensor) forms the heart of every measuring system. This is generally equipped with a gas extractor. Each of the volumetric flow measuring systems is completed with a MultiFlow microprocessor-controlled volume flowmeter. This permits electronic volume conversion, temperature compensation and invoicing.

The new MID-approved volumetric flow metering system has a large number of potential fields of application. These include fuel oil, diesel and all types of automobile gasoline through to AvGas and Jet A1. Even the new biofuels from E5 to E85 present no problems

for the system. The flow metering rates range from 30 l/min to 1000 l/min, depending on the type.

FMC Technologies is the world market leader for custody transfer measurement systems with its SENING[®] flow metering technology for petroleum products. In addition, the SENING[®] product line offers a comprehensive spectrum of mechanical and electronic components for the tank truck. Through the close and trusting cooperation with our customers, FMC has been able to develop innovative ideas within the function of their products as well as implement them in a practical manner in the field.

Measurement Solutions is a business unit of FMC Technologies specializing in custody transfer technologies for the petroleum industry. FMC Technologies Measurement Solutions sets the standard for global Best Measurement Practices by designing, manufacturing and servicing the precision products and systems used to measure and control liquids and gases in industrial application. The Smith Meter[®] brand is known worldwide for its ability to produce reliable, accurate and consistent measurement results. Sening[®] is the leading brand for tank truck products and systems which are trusted to provide safety and environmental protection while ensuring accurate measurement during the transport and transfer of liquid products.

For more information about **Sening[®] products** and other FMC Technology products, please contact Thomas Koslowski at +49 4101 304-111 or email us at thomas.koslowski@intl.fmcti.com.

FMC Technologies, Inc. is a leading global provider of technology solutions for the energy industry and other industrial markets. The Company designs, manufactures and services technologically sophisticated systems and products such as subsea production and processing systems, surface wellhead systems, high pressure fluid control equipment, measurement solutions, and marine loading systems for the oil and gas industry. The Company also produces food processing equipment for the food industry and specialized equipment to service the aviation industry. Twice named as the Most Admired Oil and Gas, Equipment Service Company by FORTUNE magazine, FMC Technologies employs approximately 13,000 people and operates 33 manufacturing facilities in 19 countries. For more information visit www.fmctechnologies.com.

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Legend: SENING[®] GMVT 805 Tank Truck Meter System

