

VT Group offers real-time, accurate bunker fuel delivery service with Micro Motion® Certified Marine Bunker Measurement Solution

BENEFITS

- Removes the need for manual soundings or calculations
- Automated generation of electronic Bunker Delivery Tickets
- Minimises discrepancies and provides better transparency for HFO bunker transactions
- Deliveries made and paid for by the end user are proven



CUSTOMER

The VT Group (Verenigde Tankrederij) is an established, self-sustaining maritime company that was founded in 1916. The company has its head office in Rotterdam, The Netherlands and its services include the bunkering and transport of fuels and lubricants across Europe and Central America (Panama).

APPLICATION

Emerson's Micro Motion® Certified Marine Bunker Measurement Solution installed on the bunker fuel barge MTS Vlaardingen.

CHALLENGE

VT Group wanted to provide the crew and the company's head office with real-time, accurate tracking of the heavy fuel oil (HFO) bunker deliveries, removing the need for manual soundings or calculations. This would enable VT Group to prove the quality and consistency of deliveries to its customers.

SOLUTION

VT Group has successfully installed Emerson's Micro Motion Certified Marine Bunker Measurement Solution on the bunker fuel barge MTS Vlaardingen.

The Certified Bunker Measurement Solution is a natural extension of VT's in-house developed software system, which is based on tank radar measurement, corrected for trim and list. The VT radar system eliminates manual processes and already provides industry-leading, high accuracy results.

“Certified Coriolis flowmeters support the existing VT business model of accurate quantity measurements.”

Yuri Ouweneel,
VT Group

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Emerson’s Micro Motion Coriolis mass flowmeter technology brings an extra level of certified accuracy, ensuring that the deliveries made by VT and paid for by the customer are proven.

The Certified Marine Bunker Measurement Solution includes a Micro Motion ELITE® Coriolis meter, Series 3000 transmitter with Marine Bunker Transfer Package, and bunker delivery ticket printer. The system is capable of handling the density and viscosity inconsistencies inherent in HFO and was certified by Nederlands Meetinstituut (NMI), the notified body for testing to the guidelines of the European Instruments Directive (MID) and Issuing Authority for OIML (International Organization for Legal Metrology). The solution meets the OIML standard R117-1 and the MID standard 2004/22/EC Annex MI-005.

“These flowmeters allow us to differentiate ourselves as a top-tier bunker service company.”

Yuri Ouweneel,
VT Group

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