

Tank Storage

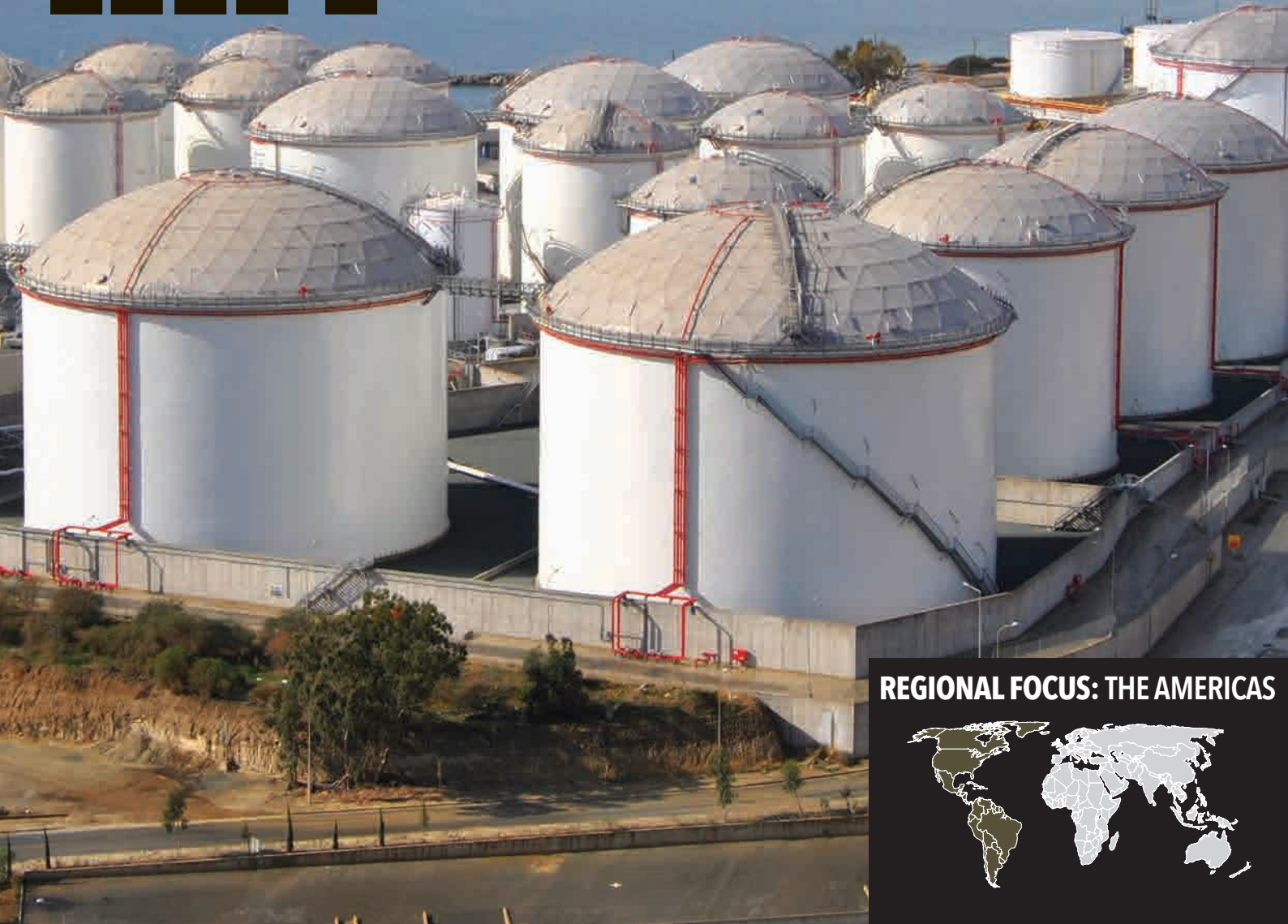
MAGAZINE

EXPANDING OILTANKING'S FOOTPRINT IN NORTH AMERICA

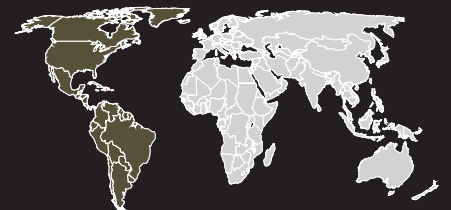
Oiltanking is on the expansion track with a newly acquired terminal and a new facility in Texas

NEW STORAGE OPPORTUNITIES

Arc Logistics Partners explains how it is exploring new markets



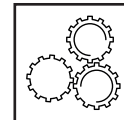
REGIONAL FOCUS: THE AMERICAS



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Technical news

All the latest terminal technical news from around the globe



CST creates manufacturing centre of excellence

CST Industries is creating a global manufacturing centre of excellence at its Conroe, Texas facility.

The move consists of investments in the Conroe facility, equipment and people, as well as transferring the manufacturing equipment from the Rincon, Georgia plant.

CST is expected to begin the Conroe transformation and cease operations at the Rincon, Georgia facility.

Brad Barkley, vice president of global operations, says: 'Combining these two facilities into a centre of excellence allows us to deliver on our strategy and continue at the forefront of aluminium dome and covers manufacturing.'

'This move will create the world's premier aluminium dome operation with state-of-the-art equipment, world-class lean manufacturing and highly skilled employees.'

Tim Carpenter, CEO, adds: 'Decisions that directly impact the lives of our associates are extraordinarily difficult. The Rincon team is a talented, dedicated and loyal workforce and a solid support base in the Rincon community. We thank them for their hard work. Transitioning away from this facility was not a reflection of the Rincon team, but an appropriate decision and a key piece of our strategy.'

Emerson brings TerminalManager solution to market

Emerson Automation Solutions has released a single software platform for managing all terminal operational and commercial activity.

TerminalManager provides a platform to manage the entire terminal business process, helping operators streamline the loading processes, achieve greater connectivity to customer needs and close books faster.

The next-generation solution helps operators manage the entire terminal business process by managing customer contracts and orders through a web based portal. It efficiently plans and executes loading operations, manages book and physical inventories, charging for services and billing activity back to the customer.

Pedro D'Ascola, general manager for Emerson's remote automation solutions business, says: 'With the release of TerminalManager, we continue to offer new ways for our customers to improve the efficiency of their operations, not just for loading and unloading operations but for the terminal business management process as well.'

'TerminalManager is built not only to move products, but to efficiently move information, which optimises the order to cash cycle for the terminal and helps streamline the customer's supply chain logistics activities.'

AW-Lake Company introduces new mass flow meter

A new MicroTRICOR TCM-100 Coriolis mass flow meter has been launched by AW-Lake Company.

The new meter is the smallest TRICOR Coriolis meter designed for the accurate measurement of very low flow rates. This new mass flow meter is suitable for dosing, blending and batching in applications such as chemical injection, precision painting and coating applications, and batch processing associated with liquid or gas handling and dispensing.

The new multivariable instrument reports mass flow, density, concentration, temperature, and volumetric flow in one device. Without any moving parts such as gears that require maintenance or can corrode and fail, the TCM-100 Coriolis mass flow meter uses smooth tubes through which material flows at rates as low as 5cc/min (300 grams/hr., .001 gallons/min). Unlike volumetric flow meters, the MicroTRICOR low flow meter measures mass instead of volume, providing for greater accuracy as the mass of a fluid or gas remains constant and is unaffected by changing process conditions such as temperature, pressure and viscosity. As a result, process engineers get truer readings in all conditions from the MicroTRICOR Mass Meter. In addition, the unique compact dual tube design

provides for a more balanced system with greater resistance to external vibration and pulsating flow.

Offering fast response times, the MicroTRICOR meter delivers high repeatability with long-term operations. With no filter requirements, the low flow mass meter requires little or no maintenance. Units are flushable and simple to clean. Having all wetted components made of 316L stainless steel, this meter is compatible with most fluids. Multiple connection types are available including NPT, AutoClave, and tubing.

The TCM-100 Mass Flow Meter is suitable for high pressures up to 5,000 psi, and is EX certified with ATEX, IECEx, EAC certifications and a pending CSA rating. The MicroTRICOR Meter is sold with TCE transmitters that are available with analog, frequency pulse and status outputs. Transmitters can be ordered as panel mount or remote field mount versions.



SA Fire Protection awarded upgrade project

Oiltanking Amsterdam has selected SA Fire Protection for 15 foam manifold skids as part of an upgrade of its fire-fighting system.

The project is due to be completed by the end of August 2018 and all practices and activities will be carried out at SA Fire's factory in San Pier Niceto, Italy.

The company will be responsible for the DCS installation and pre-commissioning of the fire panel, which will be interconnected with the instruments inside the foam housing. SA Fire will carry out in-house full functional tests on the whole installation using a hydraulic laboratory in SPN to measure flow rate, pressure and to verify the operation of the deluges valves. It will also test the foam proportioning equipment in order to validate the complete functionality under real conditions before the foam manifold skids leave the factory.

Oiltanking Amsterdam has 1.6 million m³ and is connected to Schiphol airport via a 20 kilometre pipeline.

In a statement SA Fire says: 'This project confirms the strong position of SA Fire Protection as manufacturer of reliable fire-fighting systems for large scale international oil terminal operators. In line with the company's future plans in the north European market, SA Fire will increase its presence across the region for the supply of fire suppression systems for terminal operators and refineries.'