

U.S. Government Announces Enhanced Tank-Car Standards, Midland Announces Product Offerings

PHMSA Releases Timetable For New Cars And Retrofits To Meet Compliance.

Beginning October, new tank cars must conform to standards with retrofits starting shortly after. Learn how Midland is helping clients comply in this edition of the *Midland Edge*.

On May 1, the Pipeline and Hazardous Materials Safety Administration (PHMSA) announced its final ruling "Enhanced Tank Car Standards and Operational Controls for High-Hazard Flammable Trains." In a joint press conference, the U.S. Department of Transportation (DOT) and Transport Canada outlined what constitutes high-hazard flammable trains (HHFT) and some of the major changes the ruling brings.

Classification of HHFT

Unless specifically stated, the new rules only apply to "a continuous block of 20 or more tank cars loaded with a flammable liquid or 35 or more tank cars loaded with a flammable liquid dispersed through a train."

Key Provisions of Ruling

Beyond the upcoming changes to tank-car fittings, HHFTs will be required to have enhanced braking systems and reduced operating speeds.

Owners/operators of HHFTs must document a sampling and testing program for unrefined petroleum-based products, and be able to provide the documentation to DOT personnel upon request.

Railroads operating HHFTs will be mandated to perform a routing analysis that considers, at a minimum, 27 safety and security factors and select a route based on its findings. Railroads must notify state and/or regional fusion centers, and ensure that all state, local and tribal officials who contact a railroad to discuss routing decisions are provided appropriate contact information for the railroad in order to request information related to the routing of hazardous materials through their jurisdictions.

Deadlines for New Cars and Retrofits

Starting Oct. 1, 2015, any tank car manufactured for use in transporting flammable materials must meet design and performance requirements for the new DOT-117 class of tank cars (or Canada's equivalent, the TC-117 class).

Existing tank cars, depending on car type and packing group (PG) classification, have until May 1, 2017, to meet retrofit deadlines. *

Midland Responds to Ruling

As a direct result of the "Enhanced Tank Car Standards," Midland has announced plans for the release of three new products to help manufacturers and operators of tank cars achieve compliance for new and existing cars.

- **High-FlowX Pressure Relief Valve**
 - Rugged, External
 - AFFTAC Model Verified
 - 30,000 SCFM Flow Rate Assures Tank Integrity in a Pool Fire
- **Smart-Flow Pressure Relief Valve**
 - Low-Profile, External
 - AFFTAC Model Verified
 - 12,000 SCFM Flow Rate Safely Limits Discharge in Pool Fire
- **Tanktite Ball Valve Handle**
 - Detachable
 - Ensures Ball Valves Stay Closed in Transit
 - M-1002 Appendix E Compliant

Contact Midland

For technical specifications and availability of these new, exciting solutions for DOT 117/11R requirements, contact Midland or your Midland sales representative. To download the latest literature of recommended products for compliance with DOT 117/117R, visit www.midlandmfg.com/dot117solutions.

Midland continues to provide solutions no matter your challenge – building new, or retrofitting old – Midland will *Lead the Way in Rail Equipment Innovation*.

Enjoy the issue.

*Deadlines for retrofits vary between U.S. and Canada, and type of car. Consult the appropriate governing body for the latest information.

Shell Chemical LP Receives Approval For Ethylene Plant

Pennsylvania's Department of Environmental Protection (DEP) has approved a permit that allows Shell Chemical to proceed with its plan to build a petrochemical complex in Beaver County, PA.

The facility will produce ethylene and polyethylene from ethane extracted in the Marcellus Shale. In addition to the ethylene plant, power and steam generation, storage, logistics, cooling water and water treatment, emergency flare, and offices will be constructed at the site.

For the complete story, click [HERE](#).
SOURCE: *Oil & Gas Journal*

TransCanada, Aboriginals Reach Agreement On Proposed Pipeline

TransCanada has gained the approval of three tribes within the First Nations to construct an LPG pipeline across British Columbia.

Known as the Prince Rupert Gas Transmission, the 900-km pipeline will deliver natural gas from Hudson's Hope to the proposed Pacific NorthWest LNG facility near Port Edward.

For the complete story, click [HERE](#).
SOURCE: *Tank Storage Magazine*

Colonial Purchases Product Station and Terminal From Shell

Shell Pipeline has sold its products station and terminal in Port Arthur, TX, to Colonial Pipeline Company. The facility receives and stores clean products from local refineries in Texas and has a storage capacity of four million barrels.

The terminal provides a gateway to the Colonial and Explorer pipelines for local refiners TOTAL and Valero, and adds 3.2 million barrels of tankage to Colonial's system. Colonial is a 5,500-mile pipeline system that transports various liquids for the U.S. military.

For the complete story, click [HERE](#).
SOURCE: *Tank Storage Magazine*

PBF Energy Signs Deal For LA Refinery, Logistics Assets

PBF Energy subsidiary, PBF Holding Co., has entered into an agreement with ExxonMobil Corp. and Petroleos de Venezuela SA (PDVSA) to purchase 100% of Chalmette Refining LLC, an ExxonMobil-PDVSA joint venture.

In addition to taking ownership of the Louisiana-based refinery, PBF will receive related logistics assets totaling more than \$322 million, plus inventory and working capital that will be valued at closing.

Chalmette is a dual-train coking refinery, which can process both light and heavy crudes, with a refining capacity of 189,000 barrels per day.

For the complete story, click [HERE](#).
SOURCE: *Oil & Gas Journal*

Axiall, Lotte Finalize Plans For Joint-Venture, Ethane Cracker

South Korea's Lotte Chemical Corp. and Axiall Corp. have finalized joint-venture plans for the design, construction and operation of a proposed one million-tonne per year ethane cracker. If their respective boards approve the plans, site selection will move forward.

Pending final approvals, the ethylene plant could begin commercial operation in late 2018 or early 2019.

For the complete story, click [HERE](#).
SOURCE: *Oil & Gas Journal*

Plains All American Takes Applications For Open Season

Plains All American Pipeline held an open season for committed capacity for its proposed pipeline from Cushing, OK, to Longview, TX.

Potential shippers were able to offer long-term volume commitments for service between the two cities in exchange for a discounted rate.

For the complete story, click [HERE](#).
SOURCE: *Tank Storage Magazine*

Saddlehorn Pipeline To Extend 50 Miles To Add Origin In Carr, CO

Saddlehorn Pipeline Co. LLC, has announced it will extend the Saddlehorn Pipeline by 50 miles to create an origin in Carr, CO.

The extension will be part of the 550-mile Saddlehorn system that will be able to transport 400,000 barrels of various grades of crude oil per day. The Saddlehorn Pipeline is expected to be in operation mid-2016.

For the complete story, click [HERE](#).
SOURCE: *Oil & Gas Journal*

Regulatory Alert! Tanktite BOV Detachable Handle

July 1, 2015, was the first day that bottom outlet ball valves will be required to come equipped with detachable handles. To keep railcar operators in compliance, Midland Manufacturing offers the best solution available, Tanktite.

Tanktite meets the latest AAR specifications and is backed by the quality of Midland's expert engineering. Eliminates unintended opening of ball valves, in transit or in the event of a derailment.

Features of the Tanktite:

- Works with Midland A-520 & A-522 ball valves
- Secures for safe transport
- Easy to operate
- M-1002 Compliant

Upcoming Industry Events

2015

- **EnerCom's Oil & Gas Conference**
Denver, CO (August 16-20)
- **Rocky Mountain Energy Summit**
Denver, CO (August 24-27)

View more: www.midlandmfg.com