

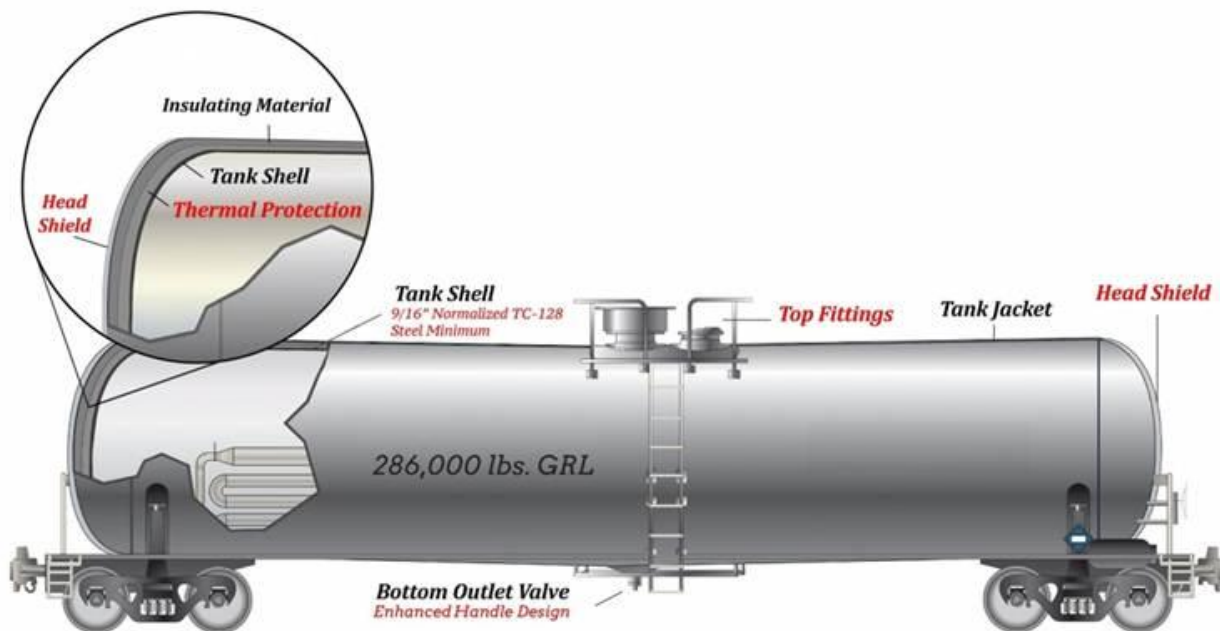
DEPARTMENT OF TRANSPORTATION UNVEILS NEW CRUDE-BY-RAIL SAFETY STANDARDS

The Rule

1. Unveils a new, 3 and an aggressive, risk-based retrofitting schedule for older tank cars carrying crude oil and ethanol;
2. Requires a new braking standard for certain trains that will offer a superior level of safety by potentially reducing the severity of an accident, and the “pile-up effect”;
3. Designates new operational protocols for trains transporting large volumes of flammable liquids, such as routing requirements, speed restrictions, and information for local government agencies; and
4. Provides new sampling and testing requirements to improve classification of energy products placed into transport.

DEPARTMENT OF TRANSPORTATION TANK CAR SAFETY ENHANCEMENTS

DOT 117 Specification Car



Safety enhancements of DOT Specification 117 Tank Car:

- Full-height ½ inch thick head shield
- Tank shell thickness increased to 9/16 inch minimum TC-128 Grade B, normalized steel
- Thermal protection
- Minimum 11-gauge jacket
- Top fittings protection
- Enhanced bottom outlet handle design to prevent unintended actuation during a train accident

Source: Department of Transportation