

CASE STUDY - BUTANE/PROPANE TRANSFER TERMINAL

TransTech Energy was the chosen EPC for a butane and propane transfer system that was installed at a refinery in Pennsylvania. TransTech's scope was not only the design of the system but also the supply of a custom-engineered equipment all that had to meet the requirements of not only NFPA 58 and API2510 but also the refinery's stringent design criteria.



UNIQUE CHALLENGE

In collaboration with the Midstream company and Refinery, TransTech engaged in a comprehensive assessment of siting requirements and operational/performance targets for the butane and propane transfer terminal. The selected location posed challenges due to limited space and its proximity to a residential neighborhood. Leveraging our expertise, TransTech successfully formulated a tailored layout that not only adhered to code-mandated separation criteria but also efficiently accommodated truck traffic within the constrained space.

PROJECT OVERVIEW

EQUIPMENT:

Custom Designed Dual Sided Loading/Unloading Skid, Chemical/Odorant Injection System, Fire-Water System, MCC/Operators Room, Driver's Kiosk

SCOPE OF WORK:

- Complete Engineering - Mechanical, Electrical, Civil, Firewater
- Fabrication of Skids, MCC, and Kiosk
- Start-up and Commissioning
- Construction Review

LIQUID TRANSFER SKIDS AND TRANSLOADERS

TransTech Energy can provide stock or custom designed prefabricated liquid transfer skids for NGLs, LPG/ Propane, Butane and other hydrocarbons /liquefied gases. Each skid is built to meet or exceed the requirements of the latest edition of NFPA pamphlets 58 & 59 and API2510 and are ready to be put into immediate service upon arrival at your facility. Our Liquid Transfer Skids are available with pre-piped pumps or compressors to maximize your liquid transfer operational efficiency.

CUSTOM AND TURNKEY DESIGN-BUILD SOLUTIONS

Our NGL, LPG/Propane rail and truck transloading terminals facilitate unloading of incoming liquefied gas supplies from rail deliveries; provide intermediary bulk storage; and support MC331 truck transport loading operations for further distribution down the supply chain.

Serving producers, midstream and wholesalers, we offer turnkey and custom configured rail and truck terminals to support the broadest range of requirements and meet the unique challenges of your most demanding operations.

YOUR TERMINAL - FAST!

By utilizing our own ASME pressure vessel fabrication facility, we're able to deliver new and custom engineered large capacity NGL, LPG, propane and butane storage vessels of up to 90,000 gallons and more—to short lead times—a promise other terminal suppliers just can't make. To save you even more time, our in-stock new and used tank inventory is one of the largest you'll find.



TRANSTECH ENERGY

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