

## CASE STUDY

### CONTACT

Marketing Department  
marketing@bnsflogistics.com  
+1-855-481-9658  
www.bnsflogistics.com

3200 Olympus Blvd, Ste 200  
Dallas, Texas 75019

# BNSF Logistics Executes Super Dual Lane Delivery Across North America

## Company Profile

A world-leading producer and supplier of industrial gases and related products for various industries including medical, chemical and electronic manufacturers.

## Business Challenge

The customer needed just-in-time super dual lane delivery of a knock-out (KO) drum, which separates vapor and liquid, from Houston, Texas to Alberta, Canada. Multiple approval procedures were necessary before this haul could take place. Traffic control, police and private escorts were all used to get the drum from Port Houston to its final destination in Alberta.

## Solution

What makes this load unique compared to other cargoes BNSF Logistics has hauled are the extreme dimensions. The KO drum was 56'9" long with a diameter of 17'9", surpassing the dual-lane loading (DLL) trailer configuration. BNSF Logistics utilized a customized DLL trailer set-up with a 155-foot overall length to transport it properly and safely. A full route survey was executed prior to the move on the customized DLL trailer configuration to ensure the drum could complete the journey.

## Process/Procedure

In preparation for this move, the engineering, estimating, safety, and operations teams worked together to devise a plan. Planning included organizing the trailer configuration, routing, identifying the safest way to secure the drum, and additional variables to guarantee the DLL load moves smoothly without issues.

On the day of loading, a crew verified the weight of the drum, and utilized two cranes in tandem to lift the drum onto the trailer. The transportation crew worked on chaining it down and running wiring for the move. Lastly, a field supervisor and a training manager witnessed loading to ensure that everyone was adhering to standard operating procedures. Once the drum was loaded, the complete dimensions were 56'9" long by 17'9" wide by 17'9" high and weighing 176,370 pounds. The drum was safely delivered without issues to its final destination.

## Benefits Achieved

- Safely moved the oversized cargo to its destination
- A simple, one-stop solution for the customer

