

Railcar and Truck Loading Calculations Template

For each product loaded, complete the information listed below and specify actual values (not permitted values).

For further guidance on Railcar and Truck loading emissions, refer to Section 5.2 of EPA's Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources (AP-42), with supplements (updated continually)—available at www.epa.gov/ttn/chief/ap42/index.html.

Loading Data Summary Table

Company Name:	Site Name:	RN:
FIN:	EPN:	CIN:
Data Inputs		
Cargo Carrier type (railcar or tank truck):		
Product Loaded/Unloaded:		
Mode of Operation (indicate one): <ul style="list-style-type: none"> • submerged loading of clean cargo tank • submerged loading of clean cargo truck • splash loading 		
Type of service (indicate one): <ul style="list-style-type: none"> • dedicated normal service • dedicated vapor balance 		
Saturation factor (S) used in loading emission calculations:		
	Value	Units
Volume of product Loaded/Unloaded Annually:		thousands of gallons
Volume of product Loaded/Unloaded May-Sept:		thousands of gallons
True Vapor Pressure of liquid loaded(P):		psia
Molecular weight of liquid loaded(M):		lb/lbmole
Temperature of bulk liquid loaded:		degrees Fahrenheit (°F)
Controls		
Are loading operations controlled? (yes/no):		
Vapor collection efficiency (%):		
Control efficiency of control device (%):		
List components and their weight fractions in the product loaded (especially benzene, toluene, ethylbenzene, xylene (BTEX), other hazardous air pollutants (HAPs), and air toxics)		
Component	Weight percent	