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 EPA's AP-42, Chapter 5.2: Transportation and Marketing of Petroleum Liquids.

Loading Data Summary Table

Table 1-Data Inputs

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): • submerged loading of clean cargo tank • submerged loading of clean cargo truck • splash loading		
Type of service (indicate one): • 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 (%):		
Components in product loaded		
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