Air Pollution Control District
San Luis Obispo County

EMISSIONS INVENTORY INFORMATION
For Inventory Year - 2021

FORM 14: PETROLEUM LOADING OF TANK TRUCKS (INCLUDING GASOLINE)

Facility ID _____ **Facility Name** _____ **Contact** _____

Please fill in all spaces. Retain a copy for your records.

Loading point				
Type of product[1]				
P - True vapor pressure at storage temperature (psia)[2]				
MW - Molecular weight of product				
T – Temperature of product (degrees Rankine)[3]				
Prior type of cargo[1]				
Prior cargo true vapor pressure (psia)[2]				
Volume loaded per year (gallons)				
S - Loading factor[4]				
Type of vapor recovery system				
VR - Vapor recovery efficiency (%)				
CF - Control factor[5]				
Loss calculation[6] (lb /1000 gallons)				

(1) Gasoline, Crude Oil, Gas-oil, Petroleum Distillate, other

(2) Provide recent analytical documentation for verification. **This form is incomplete without this information.**

(3) Convert °Fahrenheit to R by R = °Fahrenheit + 460°

(4) Loading Factor = 1.45 for splash loading; 1.00 for submerged loading; and 0.50 for clean tanks.

(5) Controls:

VR = vapor recovery system rating in %
Calculate the control factor; control factor = 1 for no controls.

$$\text{Control factor} = \frac{100 - VR}{100}$$

Example: A control device is rated at 95%.

$$\text{Control factor} = \frac{100 - 95}{100} = 0.05$$

(6) $$\text{Loss} = \frac{12.46 \times P \times MW \times S \times CF}{T}$$

Reference: AP-42, 5th edition, page 5.2-7