INSTRUCTIONS

Department of Environmental Quality
Division of Air Quality
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Salt Lake City, UT 84116
Telephone (801) 536-4000

LOADING RACKS-REFINING/PRODUCTION

DAQ ID For office use only.

Pt. Source ID Provide the identification number the company associates with the process.

SCC Enter the appropriate Source Classification Code (SCC). See page 18 of the General Instructions for explanation.

Rack Description Describe the type of the rack used in loading/unloading operations from the following:

1. Submerged Loading Normal Service;
2. Splash Loading Normal Service;
3. Submerged Loading Balance Service;
4. Splash Loading Balance Service;
5. Bottom Loading Balance Service;
6. 2nd Submerged Loading Normal Service;
7. 2nd Splash Loading Normal Service;
8. 2nd Submerged Loading Balance Service;
9. 2nd Splash Loading Balance Service, and
10. 2nd Bottom Loading Balance Service.

List each loading rack on a separate line.

Product Description State the type of fuel being loaded/unloaded in this unit.

1. Gasoline;
2. Crude;
3. Jet Naphtha;
4. Distillate;
5. RR-40;
6. NGL;
7. Propane;
8. MTBE, and
9. Other (specify).

Amount Provide the quantity of fuel loaded/unloaded per unit per year.

Units Provide appropriate units, i.e., gal./yr, bbl/yr, etc.

Molecular Weight of Vapors Provide the molecular weight of product vapor.

True Vapor Pressure of Provide true vapor pressure of the liquid in pounds per square
Liquid Loaded: inch absolute (Psia).

Temperature of Bulk Liquid Loaded: Provide the temperature of the loaded liquid in °F.

Last Test Date: List the last date when the vapor recovery unit was tested.

Vapor Recovery % Efficiency: Is this rack serviced by a vapor recovery unit? If so, please give the % control efficiency.

VOC Emissions: Calculate in tons per year the VOC emissions. Calculate the quantity for each pollutant accounting for any control, where appropriate, in tons per year. Report emissions rounded to nearest hundredth. **Provide complete calculations on a separate sheet.** *See page 15 of the General Instructions for information on completing calculations.*

Estimate Code: Provide the method code for quantifying actual emissions of each pollutant. The valid method codes are listed in Table 6, page 26 of the General Instructions. If estimate code 8 (EPA Emission Factor) is used, also include the specific AP-42 section used in the Comments field; see page 14 for a link to AP-42.

Emission Factor: Provide the emission factors used in the calculations for each pollutant. *See page 15 of the General Instructions for information on emissions factors.*

Units: Units appropriate to the emissions factor used must be provided.