

## Tank Summary

## Section H

## 1. Emission Point Description

*Note: Sections 3-7 below do not have to be completed if all of the required information is provided elsewhere, such as in a report generated by EPA's TANKS software, and attached to the application.*

- A. Emission Point Designation (Ref. No.): \_\_\_\_\_
- B. Product(s) Stored: \_\_\_\_\_
- C. Status:            Operating            Proposed            Under Construction
- D. Date of construction, reconstruction, or most recent modification  
(for existing sources) or date of anticipated construction: \_\_\_\_\_

## 2. Tank Data

- A. Tank Specifications:
1. Design capacity \_\_\_\_\_ gallons
  2. True vapor pressure at storage temperature: \_\_\_\_\_ psia @ \_\_\_\_\_ °F
  3. Maximum true vapor pressure (as defined in §60.111b) \_\_\_\_\_ psia @ \_\_\_\_\_ °F
  4. Reid vapor pressure at storage temperature: \_\_\_\_\_ psia @ \_\_\_\_\_ °F
  5. Density of product at storage temperature: \_\_\_\_\_ lb/gal
  6. Molecular weight of product vapor at storage temp. \_\_\_\_\_ lb/lbmol
- B. Tank Orientation:            Vertical                            Horizontal
- C. Type of Tank:
- Fixed Roof                    External Floating Roof            Internal Floating Roof
- Pressure                    Variable Vapor Space            Other: \_\_\_\_\_
- D. Is the tank equipped with a Vapor Recovery System?            Yes                    No  
*If yes, describe below and include the efficiency.*
- E. Closest City:
- Jackson, MS                    Meridian, MS                    Tupelo, MS                    Mobile, AL
- New Orleans, LA            Memphis, TN                    Baton Rouge, LA
- F. Is an EPA TANKS report included for this tank in the application?            Yes            No

## Tank Summary

## Section H

## 3. Horizontal Fixed Roof Tank

- A. Shell Length: \_\_\_\_\_ feet
- B. Shell Diameter: \_\_\_\_\_ feet
- C. Working Volume: \_\_\_\_\_ gal
- D. Maximum Throughput: \_\_\_\_\_ gal/yr
- E. Is the tank heated?  Yes  No
- F. Is the tank underground?  Yes  No
- G. Shell Color/Shade:
- |                                      |  |   |
|--------------------------------------|--|---|
| <input type="checkbox"/> White/White | <input type="checkbox"/> Aluminum/Specular | <input type="checkbox"/> Aluminum/Diffuse |
| <input type="checkbox"/> Gray/Light  | <input type="checkbox"/> Gray/Medium       | <input type="checkbox"/> Red/Primer       |
- H. Shell Condition:  Good  Poor

## 4. Vertical Fixed Roof Tank

- A. Dimensions:
- Shell Height: \_\_\_\_\_ feet
  - Shell Diameter: \_\_\_\_\_ feet
  - Maximum Liquid Height: \_\_\_\_\_ feet
  - Average Liquid Height: \_\_\_\_\_ feet
  - Working Volume: \_\_\_\_\_ gal
  - Turnovers per year: \_\_\_\_\_
  - Maximum throughput: \_\_\_\_\_ gal/yr
  - Is the tank heated?  Yes  No
- B. Shell Characteristics:
- Shell Color/Shade:
 

<input type="checkbox"/> White/White	<input type="checkbox"/> Aluminum/Specular	<input type="checkbox"/> Aluminum/Diffuse
<input type="checkbox"/> Gray/Light	<input type="checkbox"/> Gray/Medium	<input type="checkbox"/> Red/Primer
  - Shell Condition:  Good  Poor
- C. Roof Characteristics:
- Roof Color/Shade:
 

<input type="checkbox"/> White/White	<input type="checkbox"/> Aluminum/Specular	<input type="checkbox"/> Aluminum/Diffuse
<input type="checkbox"/> Gray/Light	<input type="checkbox"/> Gray/Medium	<input type="checkbox"/> Red/Primer
  - Roof Condition:  Good  Poor
  - Type:  Cone  Dome
  - Height: \_\_\_\_\_ feet

## Tank Summary

## Section H

## 5. Internal Floating Roof Tank

## A. Tank Characteristics:

1. Diameter: \_\_\_\_\_ feet
2. Tank Volume: \_\_\_\_\_ gal
3. Turnovers per year: \_\_\_\_\_
4. Maximum Throughput: \_\_\_\_\_ gal/yr
5. Number of Columns: \_\_\_\_\_
6. Self-Supporting Roof?  Yes  No
7. Effective Column Diameter:
 

<input type="checkbox"/> 9"x7" Built-up Column	<input type="checkbox"/> 8" Diameter Pipe	<input type="checkbox"/> Unknown
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8. Internal Shell Condition:
 

<input type="checkbox"/> Light Rust	<input type="checkbox"/> Dense Rust	<input type="checkbox"/> Gunite Lining
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9. External Shell Color/Shade:
 

<input type="checkbox"/> White/White	<input type="checkbox"/> Aluminum/Specular	<input type="checkbox"/> Aluminum/Diffuse
<input type="checkbox"/> Gray/Light	<input type="checkbox"/> Gray/Medium	<input type="checkbox"/> Red/Primer
10. External Shell Condition:  Good  Poor
11. Roof Color/Shade:
 

<input type="checkbox"/> White/White	<input type="checkbox"/> Aluminum/Specular	<input type="checkbox"/> Aluminum/Diffuse
<input type="checkbox"/> Gray/Light	<input type="checkbox"/> Gray/Medium	<input type="checkbox"/> Red/Primer
12. Roof Condition:  Good  Poor

## B. Rim Seal System:

1. Primary Seal:  Mechanical Shoe  Liquid-mounted  Vapor-mounted
2. Secondary Seal:  Shoe-mounted  Rim-mounted  None

## C. Deck Characteristics:

1. Deck Type:  Bolted  Welded
2. Deck Fitting Category:  Typical  Detail

## 6. External Floating Roof Tank

## A. Tank Characteristics

1. Diameter: \_\_\_\_\_ feet
2. Tank Volume: \_\_\_\_\_ gal
3. Turnovers per year: \_\_\_\_\_
4. Maximum Throughput: \_\_\_\_\_ gal/yr
5. Internal Shell Condition:
 

<input type="checkbox"/> Light Rust	<input type="checkbox"/> Dense Rust	<input type="checkbox"/> Gunite Lining
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**Tank Summary**

**Section H**

**6. External Floating Roof Tank (continued)**

A. Tank Characteristics (continued):

6. Paint Color/Shade:

- White/White                       Aluminum/Specular                       Aluminum/Diffuse  
 Gray/Light                       Gray/Medium                       Red/Primer

4. Paint Condition:

- Good                       Poor

B. Roof Characteristics

1. Roof Type:

- Pontoon                       Double Deck

5. Roof Fitting Category:

- Typical                       Detail

C. Tank Construction and Rim-Seal System:

1. Tank Construction:

- Welded                       Riveted

2. Primary Seal:

- Mechanical Shoe                       Liquid-mounted                       Vapor-mounted

3. Secondary Seal

- None                       Shoe-mounted                       Rim-mounted                       Weather shield

**7. Pollutant Emissions**

A. Fixed Roof Emissions:

Pollutant <sup>1</sup>	Working Loss (tons/yr)	Breathing Loss (tons/yr)	Total Emissions (tons/yr)

B. Floating Roof Emissions:

Pollutant <sup>1</sup>	Rim Seal Loss (tons/yr)	Withdrawal Loss (tons/yr)	Deck Fitting Loss (tons/yr)	Deck Seam Loss (tons/yr)	Landing Loss <sup>2</sup> (tons/yr)	Total Emissions (tons/yr)

1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the Permit Application Instructions. A list of regulated air pollutants and hazardous air pollutants is provided in the Application Instructions.

2. Landing losses should be determined according to the procedures in *Organic Liquid Storage Tanks* chapter of EPA's AP-42 emission factors. If the roof is not landed at least once/yr, enter "NA".