| **MDEQ NOTICE OF INTENT FOR COVERAGE UNDER THE OIL PRODUCTION GENERAL PERMIT TO CONSTRUCT/OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Tank Summary** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Section OPGP-E** | | | | | | | | | | | | | | | | | | | | |
| **1.** | | | **Emission Point Description** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | A. | | Emission Point Designation (Ref. No.): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
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|  | | | B. | | Product(s) Stored: | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
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|  | | | C. | | Status: | | | | | |  | | Operating | | | | | | | | | | | | | |  | | | | Proposed | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | Under Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | D. | | Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
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| **2.** | | | **Tank Data** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | A. | | Tank Specifications: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 1. | | | Design capacity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | gallons | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 2. | | | True vapor pressure at storage temperature: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | psia @ | | | | | | | | | | | | | | | | | |  | | | | | | oF | | | |
|  | | |  | | 3. | | | Maximum true vapor pressure (as defined in §60.111b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | psia @ | | | | | | | | | | | | | | | | | |  | | | | | | oF | | | |
|  | | |  | | 4. | | | Reid vapor pressure at storage temperature: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | psia @ | | | | | | | | | | | | | | | | | |  | | | | | | oF | | | |
|  | | |  | | 5. | | | Density of product at storage temperature: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | lb/gal | | | | | | | | | | | | | | | | | |  | | | | | |  | | | |
|  | | |  | | 6. | | | Molecular weight of product vapor at storage temp. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | lb/lbmol | | | | | | | | | | | | | | | | | |  | | | | | |  | | | |
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|  | | | B. | | Tank Orientation: | | | | | | | | | | | | |  | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | Horizontal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | C. | | Type of Tank: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | Fixed Roof | | | | | | | | | | | | | | |  | | | | External Floating Roof | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | Internal Floating Roof | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | Pressure | | | | | | | | | | | | | | |  | | | | Variable Vapor Space | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | Other: | | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | |
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|  | | | D. | | Is the tank equipped with a Vapor Recovery System and/or flare? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | Yes | | | | | | | | | | | | | | |  | | | | | | | | | | | | No | | | | | | | | | | | |
|  | | |  | | *If yes, describe below and include the efficiency of each.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | E. | | Closest City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | Jackson, MS | | | | | | | | | | | | | | | |  | | | | Meridian, MS | | | | | | | | | | | | | | | |  | | | | | | | | | | Tupelo, MS | | | | | | | | | | | | | | | | | | | | | | |  | | | | Mobile, AL | | | | | | | | | | | | |
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|  | | |  | |  | New Orleans, LA | | | | | | | | | | | | | | | |  | | | | Memphis, TN | | | | | | | | | | | | | | | |  | | | | | | | | | | Baton Rouge, LA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | F. | | Is an E&P or similar report described in Condition 5.4(5) of the General Permit included for this tank in the Notice of Intent? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | Yes | | | | | |  | | | | | | | | | | | No | | | | | | |
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| **3.** | | | **Horizontal Fixed Roof Tank** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  |  | | | | | | | | | | | | | | | | | |  | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | Gray/Light | | | | | | | | | | | | | | | | | |  | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | |
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|  | | | H. | | Shell Condition: | | | | | | | | | | |  | | | | | Good | | | | | | | | | | | | | | |  | | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **4.** | | | **Vertical Fixed Roof Tank** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | A. | | Dimensions: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Shell Height: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 2. | | | Shell Diameter: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 3. | | | Maximum Liquid Height: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 4. | | | Average Liquid Height: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 5. | | | Working Volume: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | gal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 6. | | | Turnovers per year: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 7. | | | Maximum throughput: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 8. | | | Is the tank heated? | | | | | | | | | | | | | | | |  | | | Yes | | | | | | | | | | | |  | | | | | | | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | B. | | Shell Characteristics: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Shell Color/Shade: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | White/White | | | | | | | | | | | | | | | | | |  | | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | | |  | Gray/Light | | | | | | | | | | | | | | | | | |  | | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 2. | | | Shell Condition: | | | | | | | | | | | | |  | | | | Good | | | | | | | | | |  | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | C. | | Roof Characteristics: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Roof Color/Shade: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | White/White | | | | | | | | | | | | | | | | | |  | | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | | |  | Gray/Light | | | | | | | | | | | | | | | | | |  | | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 2. | | | Roof Condition: | | | | | | | | | | | | |  | | | | Good | | | | | | | | | | | | | | |  | | | | | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 3. | | | Type: | | | | | | | | | | | | |  | | | | Cone | | | | | | | | | | | | | | |  | | | | | | | | | | Dome | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 4. | | | Height: | | | | | |  | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **5.** | | | **Internal Floating Roof Tank** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | 9”x7” Built-up Column | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | 8” Diameter Pipe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | Unknown | | | | | | | |
|  | | |  | | 8. | | | Internal Shell Condition: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | Light Rust | | | | | | | | | | | | | | | | | |  | | | | Dense Rust | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Gunite Lining | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 9. | | | External Shell Color/Shade: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | White/White | | | | | | | | | | | | | | |  | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | | |  | Gray/Light | | | | | | | | | | | | | | |  | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 10. | | | External Shell Condition: | | | | | | | | | | | | | | | | | | | | | | |  | | | | Good | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 11. | | | Roof Color/Shade: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | White/White | | | | | | | | | | | | | | |  | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | | |  | Gray/Light | | | | | | | | | | | | | | |  | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 12. | | | Roof Condition: | | | | | | | | | | | | | | | |  | | | Good | | | | | | | | | |  | | | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | B. | | Rim Seal System: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Primary Seal: | | | | | | | |  | | | | | Mechanical Shoe | | | | | | | | | | | | | | |  | | | | | | | Liquid-mounted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | Vapor-mounted | | | | | | | | | | | | |
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|  | | |  | | 2. | | | Secondary Seal: | | | | | | | | | |  | | | | | | Shoe-mounted | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | Rim-mounted | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | None | | | | | | | |
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|  | | | C. | | Deck Characteristics: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Deck Type: | | | | | | | | | |  | | | | | | Bolted | | | | | | | | | | | | | | |  | | | | | | | | | Welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 2. | | | Deck Fitting Category: | | | | | | | | | | | | | | | | |  | | | | Typical | | | | | | | | | | | | | | | | | | |  | | | | | | Detail | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **6.** | | | **External Floating Roof Tank** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | A. | | Tank Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Diameter: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 2. | | | Tank Volume: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | gal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 3. | | | Turnovers per year: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 4. | | | Maximum Throughput: | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | gal/yr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 5. | | | Internal Shell Condition: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | Light Rust | | | | | | | | | | | | | | | | | |  | | | | Dense Rust | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | Gunite Lining | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **6.** | | | **External Floating Roof Tank (continued)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | A. | | Tank Characteristics (continued): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 6. | | | Paint Color/Shade: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  | | |  | White/White | | | | | | | | | | | | | | |  | | | Aluminum/Specular | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | Aluminum/Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | |  | | |  | Gray/Light | | | | | | | | | | | | | | |  | | | Gray/Medium | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | Red/Primer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | |  | | 7. | | | Paint Condition: | | | | | | | | | | | | | | | |  | | | Good | | | | | | | | | | | | | | | | | | | | |  | | | | | | Poor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | | B. | | Roof Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | 1. | | | Roof Type: | | | | | | | | | |  | | | | | | Pontoon | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | Double Deck | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | |  | | 2. | | | Roof Fitting Category: | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | Typical | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | Detail | | | | | | | | | | | | | | | | | | | |
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|  | | C. | | Tank Construction and Rim-Seal System: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | 1. | | | Tank Construction: | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | Welded | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | Riveted | | | | | | | | | | | | | | | | | | | |
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|  | |  | | 2. | | | Primary Seal: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | |  | | |  | | | Mechanical Shoe | | | | | | | | | | | | | | | | | |  | | | | Liquid-mounted | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | Vapor-mounted | | | | | | | | | | | | | | | | | | | | | | |
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|  | |  | | 3. | | | Secondary Seal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | |  | | |  | | | None | | | | | | |  | | | | | | Shoe-mounted | | | | | | | | | | | | | | |  | | | | | | | | | | | Rim-mounted | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | Weather shield | | | | | | | | | | | | | |
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| **7.** | | **Pollutant Emissions** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | A. | | Fixed Roof Emissions: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | Pollutant1 | | | | | | | | | | | | | | | | Working Loss (tons/yr) | | | | | | | | | | | | | | | | | | | | | | | | Breathing Loss (tons/yr) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total Emissions (tons/yr) | | | | | | | | | | | | | |  | |
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|  | | B. | | Floating Roof Emissions: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Pollutant1 | | | | | | | | | | | Rim Seal Loss  (tons/yr) | | | | | | | Withdrawal Loss  (tons/yr) | | | | | | | | | | | Deck Fitting Loss  (tons/yr) | | | | | | | | | | | | | | | | Deck Seam Loss  (tons/yr) | | | | | | | | | | | | | | | | | Landing Loss2 (tons/yr) | | | | | | | | | | Total Emissions (tons/yr) | | | | | | | | | | | | | | | | | |  |
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|  | 1. All regulated air pollutants including hazardous air pollutants emitted from this source should be listed in accordance with the OGP Application Instructions. A list of regulated air pollutants and a link to EPA’s list of hazardous air pollutants is provided in the OGP 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”. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |