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| **Please fill out a form for each storage tank** | | | | | | | | | | | | | | | | | | |
| **1. Business information:** | | | | | | | | | | | | | | | **Air Quality Use Only** | | | |
| Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted | | | | | | | | | | | | | | |
| **Source Number** | | |  |
| **2. Emission unit name:** | | | | | | | | | | | | | | | **Emission Unit Number** | | |  |
|  | | | | | | | | | | | | | | |
| **3. Storage tank data:** | | | | | | | | | | | | | | | | | | |
| Height (ft) | | | | | Diameter (ft) | | | | Capacity (gallons or barrels) | | | | Date constructed or last modified | | | | | |
| Tank type: | Fixed roof  Internal floating roof  External floating roof  Domed external floating roof  Open top  Underground  Other (describe): | | | | | | | | | | | | | | | | | |
| Tank shape:  Cylinder (vertical)  Cylinder (horizontal)  Other (describe): | | | | | | | | | | | | | | | | | | |
| Tank loading:  Bottom  Submerged  Vapor balanced  Other (describe): | | | | | | | | | | | | | | | | | | |
| Shell color/shade: | | White  Aluminum (specular)  Aluminum (diffuse)  Light gray  Medium gray  Other (describe): | | | | | | | | | | | | | | Shell paint condition:  Good  Poor | | |
| Roof color/shade: | | | White  Aluminum (specular)  Aluminum (diffuse)  Light gray  Medium gray  Other (describe): | | | | | | | | | | | | | Roof paint condition:  Good  Poor | | |
| **4. Underground and fixed roof tank data:** (complete for an underground or fixed roof storage tank) | | | | | | | | | | | | | | | | | | |
| Is tank pressurized:  Yes  No  If yes, to (psia): | | | | | Is tank heated:  Yes  No | | | | | | | | Breather Vent Settings (psig) | | | | | |
| Pressure | | | | Vacuum | |
| If yes, to the following temperatures (°F) | | | | | | | |  | | | |  | |
| Min: | | Avg: | | | Max: | | |
| **Complete for vertical fixed roof tank only** | | | | | | | | | | | | | | | | | | |
| Max liquid height (ft) | | | | Avg liquid height (ft) | | | | Roof height (ft) | | | Roof type: | Flat  Dome  Cone  Other (describe): | | | | | | |
| **5. Internal and external floating roof tank data:** (complete for a floating roof storage tank) | | | | | | | | | | | | | | | | | | |
| Tank construction:  Riveted  Welded  Other (describe): | | | | | | | | | | | | | | | | | | |
| Internal shell condition:  Light rust  Dense rust  Gunite lined  Other (describe): | | | | | | | | | | | | | | | | | | |
| Roof type:  Double deck  Pontoon  Pan  Other (describe): | | | | | | | | | | | | | | | | | | |
| Primary seal:  Mechanical shoe  Liquid-mounted  Vapor-mounted  Other (describe): | | | | | | | | | | | | | | | | | | |
| Secondary seal:  None  Shoe-mounted  Rim-mounted  Other (describe): | | | | | | | | | | | | | | | | | | |
| Roof fittings:  Typical  Custom (attach list) | | | | | | **Complete for internal floating roof tank only** | | | | | | | | | | | | |
| Deck type:  Welded  Bolted  Other (describe): | | | | | | | | Is roof self-supporting:  Yes  No | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Storage tank throughput information:** | | | | | | | | |
| Average throughput (gal/day) | | Maximum throughput (gal/day) | | | | Max number of tank turnovers per year | | |
| **7. Liquids, vapors, gases, or mixtures data:** | | | | | | | | |
| List all liquids, vapors, gases, or mixtures to be stored in this tank. Give the percent by weight of each component. | | | | | | | | |
| Stored Liquid  (include % by weight) | Average Product Density (lb/gal) | | Vapor Molecular Weight (lb/lbmole) | | True Vapor Pressure (psia) | | Reid Vapor Pressure | Temperature (°F) |
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| **8. Comments** | | | | | | | | |
|  | | | | | | | | |
| **9. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.** | | | | | | | | |
| Signature of responsible official | | | | Date of application | | | | |