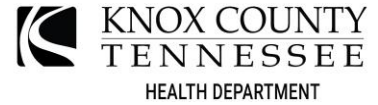


Knox County Department of Air Quality Management

Title V Permit Application
 APCV-06 Form: Storage Tanks
 (Please Type or Print)



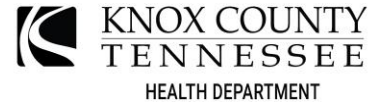
1. General Identification and Description			
Facility name:			
Process emission source (identify):			
2. Storage Tank Description			
Storage tank identification:			
Location of the storage tank or tank farm (latitude and longitude):			
Storage tank capacity (gallons):	Year of installation:	Tank height (feet):	Tank diameter (feet):
Color of tank: <input type="checkbox"/> White <input type="checkbox"/> Other (specify):			
Is this tank equipped with a submerged fill pipe: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Type of storage tank: <input type="checkbox"/> Open top tank <input type="checkbox"/> Pressurized tank <input type="checkbox"/> Variable vapor space <input type="checkbox"/> Fixed roof <input type="checkbox"/> External floating roof <input type="checkbox"/> Fixed roof with internal floating roof <input type="checkbox"/> Other (specify):			
3. Fixed Roof Tank Data (if applicable)			
Tank configuration: <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal	Tank roof type: <input type="checkbox"/> Cone roof <input type="checkbox"/> Dome roof	Tank roof height (feet):	Indicate shell radius (feet):
4. Floating Roof Tank Data (if applicable)			
Internal shell condition: <input type="checkbox"/> Light rust <input type="checkbox"/> Dense rust <input type="checkbox"/> Gunitite lined			
Primary seal description: <input type="checkbox"/> Mechanical Shoe <input type="checkbox"/> Liquid-mounted <input type="checkbox"/> Vapor-mounted <input type="checkbox"/> Other:			
Secondary seal description: <input type="checkbox"/> None <input type="checkbox"/> Shoe-mounted <input type="checkbox"/> Rim-mounted <input type="checkbox"/> Other:			
5. External Floating Roof Tank Data (if applicable)			
Tank construction: <input type="checkbox"/> Welded tank <input type="checkbox"/> Riveted tank	Roof type: <input type="checkbox"/> Pontoon roof <input type="checkbox"/> Double deck roof		
Roof fitting types (indicate the number of each type):			
<u>Access hatch (24" diameter well)</u>		Unslotted guide-pole well (8" Diameter Unslotted Pole, 21" Dia. Well)	
Bolted cover, gasketed:		Ungasketed sliding cover:	
Unbolted cover, gasketed:		Gasketed sliding cover:	
Unbolted cover, ungasketed:			
<u>Gauge-float well (20" diameter)</u>		<u>Gauge-hatch/Sample well (8" diameter)</u>	
Unbolted cover, ungasketed:		Weighted mechanical actuation gasketed:	
Unbolted cover, gasketed:		Weighted mechanical actuation ungasketed:	
Bolted cover, gasketed:			
(Continued on next page)			
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<p><u>Vacuum breaker (10" diameter well)</u></p> <p>Weighted mechanical actuation gasketed: Weighted mechanical actuation ungasketed:</p> <p>Slotted guide-pole/Sample well <u>(8" slotted pole, 21" diameter well)</u></p> <p>Ungasketed sliding cover, without float: Ungasketed sliding cover, with float: Gasketed sliding cover, without float: Gasketed sliding cover, with float:</p> <p><u>Roof leg (2½ diameter)</u></p> <p>Adjustable, pontoon area: Adjustable, center area: Adjustable, double-deck roofs: Fixed:</p>	<p><u>Roof drain</u></p> <p>Open: 90% closed:</p> <p><u>Roof leg (3" diameter)</u></p> <p>Adjustable, pontoon area: Adjustable, center area: Adjustable, double-deck roofs: Fixed:</p>
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6. Internal Floating Roof Tank Data (if applicable)

Number of Columns:	Effective Column diameter (feet):	Deck type: <input type="checkbox"/> Welded <input type="checkbox"/> Bolted	Total deck seam length (feet):	Deck Area (square feet):
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Deck fitting types (indicate the number of each type):

<p><u>Access hatch (24" diameter)</u></p> <p>Bolted cover, gasketed: Unbolted cover, gasketed: Unbolted cover, ungasketed:</p> <p><u>Column well</u></p> <p>Built-up column-sliding cover, gasketed: Built-up column-sliding cover, ungasketed: Pipe column-flexible fabric sleeve seal: Pipe column-sliding cover, gasketed: Pipe column-sliding cover, ungasketed:</p> <p><u>Sample pipe and well</u></p> <p>Slotted pipe-sliding cover, gasketed: Slotted pipe-sliding cover, ungasketed: Sample well-slit fabric seal, 10% open area: Stub drain, 1" diameter:</p>	<p><u>Automatic gauge float well</u></p> <p>Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed</p> <p><u>Ladder well</u></p> <p>Sliding cover, gasketed: Sliding cover, ungasketed:</p> <p><u>Roof leg or hanger well</u></p> <p>Adjustable: Fixed:</p> <p><u>Vacuum breaker</u></p> <p>Weighted mechanical actuation, gasketed: Weighted mechanical actuation, ungasketed:</p>
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7. Variable Space Tank Data (if applicable)

<p>Volume expansion capacity (gallons):</p>

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8. Tank Contents and Operation Description

Complete the following table for materials to be stored in this tank:

Material or component stored	Wt%	Material annual throughput (gal/yr)	Material stored daily average (gallons)	Component molecular weights (lb/lb mole)	Component vapor pressure (psia)	Material storage pressure (psia)	Material average storage temperature (°F)

Multipurpose tank with variable composition: Yes No

Describe the operation this tank will serve:

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