



## Kansas State Fire Marshal's Office

# ABOVEGROUND STORAGE TANK SYSTEM APPLICATION

## FOR

Class I, II, & III Flammable and Combustible Liquids ONLY  
(660 gallons or more for Government, Business & Industrial etc.)  
(1100 gallons or more for agriculture)

### I. FACILITY INFORMATION:

A. Facility Name:			
Facility Street Address:		B. Facility Mailing Address:	
C. Contact Person:		Contact Phone Number:	
		Contact Email:	
D. Tank Location address:		County:	
		E. Qtr Section _____ Section _____ Circle one:	
		Township _____ S. Range _____ E / W	
F. Number of aboveground tanks already at this location: _____		G. Number of underground tanks already at this location: _____	
H. Are tanks to be taken out of service because of this new installation? Yes _____ No _____			
Does your abandonment or reuse of the aboveground tanks comply with NFPA 30 Yes _____ No _____			
I. Are tank(s) currently in Use? Yes _____ No _____ If yes Date installed _____			
Are tank(s) new installation and not yet in service Yes _____ No _____			
J. Leak Detection (circle all that apply): Vapor Monitoring – Ground Water Monitoring – Visual Monitoring – Interstitial Monitoring Double Wall - NA			
<b>K. Type of Usage:</b>			
Airport Fuels (80)	Private ( KDOT/County Road Dept, Feed Lots)(83)	Attended/Unattended Keytrol or Cardtrol (87)	
Agriculture (81)	Bulk Site (86)	Trucking Companies (88)	
Alcohol Fuel/Bio Diesel MFG Facilities (82)	Service Station/Gas Station/Convenience Store (87)	Other:	
Hours of Operation			

### II. TANK OWNER INFORMATION

A. Owner Name:			
B. Owner Address:		State	County
		ZIP + 4	
C. Contact Person:		D. Phone Number:	
		E. Fax Number:	
F. Owner Type: Government _____ Industrial/Business _____ Farm _____ Retail _____ Other _____			

### III. CONTRACTOR/INSTALLER INFORMATION:

A. Contractor/Installer Name:			
B. Address:		State	County
		ZIP + 4	
C. Contact Person:		D. Phone Number:	
		E. Fax Number:	

**IV. TANK INFORMATION:**

(Duplicate as needed)

Tank Site Number	Tank _____	Tank _____	Tank _____	Tank _____
Is your Tank UL 142 Compliant?				
Individual Tank Number Located on Data Plate				
Capacity in Gallons				
Tank Dimension Length & Width				
Single Wall Or Double Wall				
Is your tank Fire resistive and complies with UL 2080 or an equivalent test procedure				
Type of Product Being Stored in tank				
Classification of product being stored: Class I,II or III etc				
Manufacturer of Tank				
Type of Dike Construction				
Dike Size LxWxH				
Dike Capacity (in gallons) Must contain 110% of the largest tank				
Emergency Vent Size				
Atmospheric Vent Size				
Orientation (Horiz/Vert)				
Year Installed				
Age of Tank				
Corrosion Protection (paint etc)				
Does your Electrical Wiring Comply with NFPA 70 (National Electrical Code)?				

**All tanks shall be painted and display clear product identification in 3-inch (minimum) letters. The NFPA 704 MARKING SYSTEM may also be required, depending on product hazard classification, local requirements, or tank locations.**

**A weather-proof sign with contact persons and emergency numbers will be posted on site with a minimum of 3-inch letters in plain view. (Keytrol or Cardtrol locations)**

**If product stored is NOT a petroleum product but a flammable or combustible or hazardous substance, please provide CERCLA name or CAS registration number and the Material Safety Data Sheet. Attach a copy to application.**

## V. OTHER TANK INFORMATION

3. Are you receiving Class I liquids from mainline pipelines or marine vessels?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes Prevention of overfilling tanks is required per NFAP 30

Tank Capacity (gal)	Minimum Distance from Property Line that Is or Can Be Built Upon, Including the Opposite Side of a Public Way (ft)	Minimum Distance from Nearest Side of Any Public Way or from Nearest Important Building on the Same Property (ft)
275 or less	5	5
276 to 750	10	5
751 to 12,000	15	5
12,001 to 30,000	20	5
30,001 to 50,000	30	10
50,001 to 100,000	50	15
100,001 to 500,000	80	25
500,001 to 1,000,000	100	35
1,000,001 to 2,000,000	135	45
2,000,001 to 3,000,000	165	55
3,000,001 or more	175	60

For SI units, 1 ft = 0.3 m; 1 gal = 3.8 L.

A. \_\_\_\_\_ feet from the nearest building on same property

D. \_\_\_\_\_ feet from public street

B. \_\_\_\_\_ feet from the nearest property line

E. \_\_\_\_\_ feet from tanks to transport unloading & bulk load out

C. \_\_\_\_\_ feet from the nearest residence

F. \_\_\_\_\_ feet from dispensers from aboveground tanks

## VI. RETAIL FACILITIES

Tank Type	Individual Tank Capacity (gal)	From the nearest Important Building on the same Property	From the Nearest Dispensing Device	From Lot Line That is or Can be Built Upon	From the Nearest Side of Any Public Way	Between Tanks
Tanks in Vaults	0-15,000	0	0	0	0	Separate compartments required for each tank
Protected Aboveground Tanks	Less than or equal to 6,000	5	0	15	5	3
	6,000 – 12,000	15	0	25	15	3
Fire-resistant Tanks	0-12,000	25	25	50	25	3
Others Tanks Meeting the requirements of NFPA 30	0-12,000	50	50	100	50	3

For SI units, 1 ft = 0.3 m; 1 gal = 3.8 L.

A. \_\_\_\_\_ feet from the nearest building on same property

D. \_\_\_\_\_ feet from public street

B. \_\_\_\_\_ feet from the nearest property line

E. \_\_\_\_\_ feet from tanks to transport unloading & bulk load out

C. \_\_\_\_\_ feet from the nearest residence

F. \_\_\_\_\_ feet from dispensers from aboveground tanks

**VII. PIPING INFORMATION**

**All piping must comply with NFPA 30**

Does your piping, valves, and fittings comply with NFPA 30? Yes _____ or No _____
Pipe Construction: Alloy _____ Steel _____ Stainless Steel _____ PVC _____ Copper _____ Galvanized _____ Fiberglass _____ Black Piping Coat _____ No Piping Used _____ Rubber Fuel Line _____
Is the piping aboveground? Yes _____ No _____ Is the piping underground? Yes _____ No _____

**VIII. DISPENSER INFORMATION**

**All dispensers must comply with NFPA 30A**

Do your dispensers comply with NFPA 30A? Yes _____ or No _____
Are emergency breakaway devices provided on all dispensing hoses? Yes _____ No _____
All dispensers securely anchored and have collision protection installed? Yes _____ No _____

**IX. STORAGE TANK BASE TYPES**

Asphalt _____ Cinder Block _____ Concrete _____ Concrete Vault _____ Dirt Base with Liner _____ Ground _____ Metal Containment _____ Steel _____ Supports _____
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**X. STORAGE TANK CONSTRUCTION**

Aluminum _____ Concrete _____ Steel _____ Double Wall Tank _____ Fiberglass Chemical Tank _____ ASME LP Gas Storage Tanks _____
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**XI. STORAGE TANK APPROVAL**

API Approval Number _____ ASME Tank LP Gas _____ National Standard _____ Underwriters Labs _____ Other _____
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**XII. PLANS**

Plans should document the location of the tanks, lines, monitoring equipment, nearby structures, and property boundaries. **Provide a separate detailed drawing of tank, piping, valves, and dispenser locations.** Submit a complete application and plans to the Kansas State Fire Marshal's Office for approval. A minimum of twenty (20) working days prior to the anticipated installation date must be allowed for sufficient time to review the plans. Once approval is completed, a copy will be forwarded to KDHE for registration. Please submit plans on sheets of paper no larger than 11x17. Drawings do not have to be to scale; however, they must detail the required information.

**XIII. APPLICANT'S CERTIFICATION**

I CERTIFY THAT THE INFORMATION ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND THAT ALL EQUIPMENT WILL BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURER INSTALLATION REQUIREMENTS. THIS INSTALLATION WILL BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

\_\_\_\_\_  
Owner's Signature Date

\_\_\_\_\_  
Contractor's Signature Date