

**Ministry of  
District Administration,  
Works, & Gender  
Affairs**



CAYMAN ISLANDS  
GOVERNMENT

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## **PETROLEUM INSPECTORATE**

### **Fuel-Storage Tank Regulations**

If you are storing fuel in above ground tanks there are some rules that are mandated according to the Fire Code.

1. According to NFPA 30 which is the code by reference from the 1994 Standard Fire Protection Code, all tanks storing petroleum products must be constructed of steel
2. Tanks storing flammable or combustible must have secondary containment capable of holding 110 percent of the tank's volume.
3. The tank must have a normal vent, which must be at least 1-1/4" diameter steel for tanks up to 2,000 gallons, then larger depending on the size of the tank. If the tank holds gasoline the vent should extend 12 feet above ground level.
4. Tanks are to be placed on steel or concrete supports, and anchored if its elevation is below flood stage.
5. All tanks storing flammable or combustible liquids shall be fitted with an emergency vent in case of exposure to fire.
6. Double wall tanks shall also have an emergency vent on the interstitial space.
7. The tank must have a means of spill or spill catchment at a fill-point.
8. Tank owners and operators must clearly label the contents of all tanks.
9. Unmanned tanks must display a sign, with the operator's name and contact numbers.
10. The tanks capacity must be labeled on the tank, and a level gauge should be visible to the operator filling the tank.

11. A 20-pound ABC fire extinguisher must be installed no closer than 20 feet, but no farther than 100 feet, from the tank, which shall be maintained and tagged at quarterly intervals.
12. An overfill protection system must be installed where no containment dike has been installed. It must include an alarm that sounds when the liquid level in the tank reaches 90 percent capacity, and automatically stops flow when the liquid level in the tank reaches 95 percent capacity.
13. The NFPA 30's minimum safe distances for placing tanks from property lines or public ways must be followed, depending on the tank capacity.
14. Tanks must be installed so that they are protected from possible collision damage.
15. Applications for all tanks must be made to the Planning Department, with the required fee of CI \$250.00 per tank where capacity is more than 250 gallons.

Instructions on how to safely install and maintain storage tanks can be found in NFPA 30, or obtained by calling Desmond Ebanks at 244-3458, Rion Mohammed at 244-3468 or Chief Petroleum Inspector Gary McTaggart at 244-3457.

<b><i>Tank Capacity (Gallons)</i></b>	<b><i>Minimum Distance (feet) From property line that is or can be built upon, including the opposite side of a public way</i></b>	<b><i>Minimum Distance (feet) From nearest side of any public way or private road</i></b>	<b><i>Minimum Distance (feet) From nearest important building on the same property</i></b>
<b>247 or Less</b>	<b>10</b>	<b>20</b>	<b>5</b>
<b>276 – 750</b>	<b>10</b>	<b>20</b>	<b>5</b>
<b>751 - 12,000</b>	<b>15</b>	<b>20</b>	<b>5</b>
<b>12,001 – 30,000</b>	<b>20</b>	<b>20</b>	<b>5</b>
<b>30,001 – 50,000</b>	<b>30</b>	<b>20</b>	<b>10</b>
<b>50,001 – 100,000</b>	<b>50</b>	<b>20</b>	<b>15</b>
<b>100,001 – 500,000</b>	<b>80</b>	<b>25</b>	<b>25</b>
<b>500,001 – 1,000,000</b>	<b>100</b>	<b>35</b>	<b>35</b>