Cheat Sheets
Cheat - take the test - get your LICENSE

MVA CHEATS and TIPS!

MARYLAND CDL TANK VEHICLES CHEAT SHEET

1. Even in a tanker equipped with baffles:

- **Side-to-side surge can still occur, possibly causing a roll over.**

8 – Baffled Tanks

2. Be extremely cautious (slow and careful) in driving smooth bore tanks, especially when:

- **Starting and stopping.**

8 – Un-baffled Tanks

3. To avoid skids:

- **Don't over-steer, over-accelerate, or over-brake.**

8 – Skids

4. When coming to a stop, the liquid in a partially filled tank:

- **Will surge back and forth.**

8 – Danger of Surge

TIPS FOR GETTING YOUR LICENSE FAST!

IMPORTANT LINKS

Maryland MVA: http://dri.vg/Eim

MVA CDL Information: http://dri.vg/5kC

MVA Appointments: http://dri.vg/wta

Driver License Office Locations: http://dri.vg/jN5

Fees: http://dri.vg/unX

MVA REQUIREMENTS CHECKLIST

- ☐ Valid Driver's License
- ☐ Medical Certificate: http://dri.vg/TVX
- ☐ Proof of Identity Documents: http://dri.vg/Zr5

TESTS YOU WILL NEED TO TAKE

General Knowledge
Air Brakes (if applicable)
Pre-Trip Inspection
Basic Skills
CDL Road Test
Vision Exam

Applicable exams for desired endorsements:

- **Hazardous Materials**
- **Tank Vehicles**
- **Passengers**
- **School Bus**
- **Double/Triple Trailers**

Practice exam available online at:
www.TestQuestionsAndAnswers.com

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5. To use controlled braking in an emergency:

- **Apply the brakes as hard as you can without locking the wheels.**
- **Keep steering wheel movements very small while doing this.**
- **If you need to make a larger steering adjustment or if the wheels lock, release the brakes.**
- **Re-apply the brakes as soon as you can.**

8 – Controlling Surge

6. Because some dense liquids (such as some acids) may exceed legal weight limits:

- **You may often only partially fill tanks with heavy liquids.**

8 – How Much to Load?

7. The need to leave extra room in a tank for liquids to expand when they warm is known as:

- **"Outage."**

8 – Outage

8. Baffles help to control the:

- **Forward and backward liquid surge.**

8– Baffled Tanks

9. To use "Stab Braking" in an emergency:

- **Apply your brakes all the way.**
- **Release brakes when wheels lock up.**
- **As soon as the wheels start rolling, apply the brakes fully again.**

8 – Controlling Surge

10. Tests have shown that tankers can turn over at:

- **The speed limits posted for curves.**

8 – High Center of Gravity

11. Un-baffled liquid tankers (sometimes called "smooth bore" tanks) have:

- **Nothing inside to slow down the flow (surge) of the liquid.**

8 – Un-baffled Tanks

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12. High center of gravity means that:

- **Much of the load's weight is carried high up off the road.**

8 – High Center of Gravity

13. Keep in mind how much space you need to stop your vehicle:

- **Wet roads double the normal stopping distance.**
- **Empty tank vehicles may take longer to stop than full ones.**

8 – Stopping Distance

14. When hauling liquids in bulk:

- **You must know the outage requirement.**

8 – Outage

15. Because of the high center of gravity and the surge of the liquid, you must:

- **Start, slow down, and stop very smoothly.**
- **Make smooth turns and lane changes.**

8 – Drive Smoothly

16. Tank vehicles come in many types and sizes; in order to properly inspect your tank vehicle, you need to:

- **Check the vehicle's operator manual.**

8 – Inspecting Tank Vehicles

17. A tank endorsement is required for Class C vehicles when the vehicle is used to transport:

- **Hazardous materials in liquid or gas form in a permanently mounted cargo tank rated at 119 gallons or more or;**
- **Hazardous materials in liquid or gas form in a portable tank rated at 1,000 gallons or more.**

8 - Tank Vehicles

18. The amount of liquid to load into a tank depends on:

- **The amount the liquid will expand in transit.**
- **The weight of the liquid.**
- **Legal weight limits.**

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8 – How Much to Load?

19. If your tank vehicle has any of the following equipment, make sure it works:

- **Vapor recovery kits.**
- **Grounding and bonding cables.**
- **Emergency shut-off systems.**
- **Built in fire extinguisher.**

8 – Check Special Purpose Equipment

20. You must never load a cargo tank totally full because:

- **Liquids expand as they warm and you must leave room for the expanding liquid.**

8 – Outage

21. Sanitary rules require that tankers that transport food products must be un-baffled or smooth bore:

- **Because of the difficulty in cleaning the inside of tank.**

8 – Un-baffled Tanks

22. Bulkheads within a tanker that have holes that allow the liquid to flow through are known as:

- **Baffles.**

8 – Baffled Tanks

23. If you carry liquids or gases in a leaking tank, you may:

- **Be cited and prevented from driving further.**
- **Be liable for the cleanup of any spill.**

8 – Leaks

24. Never drive a tank vehicle with:

- **Open valves or manhole covers.**

8 – Check Special Purpose Equipment

25. Tankers should take highway curves and on ramp/off ramp curves:

- **Well below the posted speeds.**

8 – High Center of Gravity

26. Because of their high center of gravity and the effects of surge:

- **Liquid tankers are especially easy to roll over.**

8 – High Center of Gravity

27. A full tank of dense liquid (such as some acids) may:

- **Exceed legal weight limits.**

8 – How Much to Load?

28. A tank endorsement is required if your vehicle needs a Class A or B CDL and you want to haul a liquid or liquid gas in a:

- **Permanently mounted cargo tank rated at 119 gallons or more or a;**
- **Portable tank rated at 1,000 gallons or more.**

8 - Tank Vehicles

29. Carrying liquids or gases in a leaking tank is:

- **A crime.**

8 – Leaks

30. To control surge:

- **Keep a steady pressure on the brakes.**
- **Do not release too soon when coming to a stop.**
- **Brake far in advance of a stop and increase your following distance.**

8 – Controlling Surge

31. Some liquid tanks are divided into several smaller tanks by:

- **Bulkheads.**

8 – Bulkheads

32. Baffled liquid tanks have bulkheads in them with:

- **Holes that let the liquid flow through.**

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8 – Baffled Tanks

33. If you must make a quick stop to avoid a crash while driving a tank vehicle:

- **Use controlled or stab braking.**

8 – Controlling Surge

34. On all tank vehicles, the most important item to check for is:

- **Leaks.**

8 – Leaks

35. If the truck is on a slippery surface such as ice, the surge wave in a partially filled tank can:

- **Shove a stopped truck out into an intersection.**

8 – Danger of Surge

36. When loading and unloading the smaller tanks in a tanker divided by bulkheads, the driver must:

- **Pay attention to weight distribution.**

8 – Bulkheads

37. Your tank vehicle may be required to have:

- **Emergency equipment; find out what equipment you're required to carry and make sure you have it (and it works).**

8 – Special Equipment

38. To drive safely through curves:

- **Slow down before the curve then, accelerate slightly through the curve.**

8 – Curves

39. If you steer quickly while braking:

- **Your vehicle may roll over.**

8 – Controlling Surge

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