ALASKA CDL TANK VEHICLES CHEAT SHEET

IMPORTANT LINKS

Alaska DMV: http://dri.vg/Hsj

DMV CDL Information: http://dri.vg/QpH

DMV Appointments: http://dri.vg/yad

Driver License Office Locations: http://dri.vg/W0K

TIPS FOR GETTING YOUR LICENSE FAST!

Fees: http://dri.vg/tS6

DMV REQUIREMENTS CHECKLIST

Valid Driver's License
Medical Certificate: http://dri.vg/s3W

Proof of Identity Documents: http://dri.vg/s3n

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:

 $\underline{www.TestQuestionsAndAnswers.com}$

- 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

ALASKA CDL TANK VEHICLES CHEAT SHEET

- 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

ALASKA CDL TANK VEHICLES CHEAT SHEET

- 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.

ALASKA CDL TANK VEHICLES CHEAT SHEET

8 - How Much to Load?

10 If	vour tank	vohicle has	any of	the foll	lowing	aquipment	makos	ure it works:
19.11	vour tank	venicie nas	anv or	the ioi	iowina	eauibment	, make s	ure 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.

ALASKA CDL TANK VEHICLES CHEAT SHEET

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.

ALASKA CDL TANK VEHICLES CHEAT SHEET

Q _	Baffle	d Tan	l/c
o –	Dallie	u lan	KS.

• Your vehicle may roll over.

8 – Controlling Surge

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:

ALASKA CDL TANK VEHICLES CHEAT SHEET