



# DPS CHEATS and TIPS!

## SOUTH DAKOTA CDL TANK VEHICLES CHEAT SHEET

### IMPORTANT LINKS

South Dakota DPS: <http://dri.vg/S8t>

DPS CDL Information: <http://dri.vg/a8n>

DPS Appointments: <http://dri.vg/l9c>

Driver License Office Locations: <http://dri.vg/oLQ>

Fees: <http://dri.vg/3Ke>

### DPS REQUIREMENTS CHECKLIST

- Valid Driver's License
- Medical Certificate: <http://dri.vg/84S>
- Proof of Identity Documents:  
<http://dri.vg/UZw>

### 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](http://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





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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.



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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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