

**REGION 6 VIPR PRE-AWARD  
 FIRE EQUIPMENT INSPECTION CHECKLIST  
 POTABLE WATER TRUCK**

**COMPANY NAME:** \_\_\_\_\_  
(Name as shown on VIPR Agreement)

**EQUIPMENT MAKE:** \_\_\_\_\_ **MODEL:** \_\_\_\_\_

**LICENSE PLATE:** \_\_\_\_\_ **STATE:** \_\_\_\_\_

**VIN#:** \_\_\_\_\_ **EQUIPMENT/Unit I.D.:** \_\_\_\_\_

**Rental equipment**    No     Yes         **Rental Company Name** \_\_\_\_\_

**EQUIPMENT REQUIREMENTS – Potable Water Truck**

Type 1: 4,000+ gallons     Type 2: 2,500 → 3,999 gallons     Type 3: 1,000 → 2,499 gallons     Type 4: 400 → 999 gallons

**Minimum Requirements**

**Yes    No**

	<b>Minimum Requirements</b>		<b>Yes</b>	<b>No</b>
1	VIN # on Potable Water truck matches VIPR Agreement			
2	OF-296 Vehicle/Heavy Equipment Pre-use Inspection completed			
3	Vehicle has current DOT inspection for motor vehicle operation (D.4(a))			
4	The potable water system, including filling hose and lines, pumps, tanks and distributing pipes, separate and distinct from other water systems (D.2.1.2.1(a)(1))			
5	Tank labeled with the words "POTABLE" or "FOR DRINKING WATER USE ONLY" on both sides of the tank in lettering at least 4 inches in height (D.2.1.2.1(a)(2))			
6	Capacity of the tank (in gallons) displayed on both sides of the tank or on both cab doors in lettering at least 2 inches in height (D.2.1.2.1(a)(2))			
7	Name, city and state of Contractor appears on both sides of the tank or on both truck cab doors in lettering at least 2 inches in height (D.2.1.2.1(a)(2))			
8	Tank is (400) gallons capacity or greater and made of non-toxic, noncorrodible/nonabsorbent materials or coated with non-toxic coatings National Safety Foundation (NSF) International Standard 61 that can be adequately cleaned and sanitized. Examples are stainless steel, food contact plastics (polyethylene), and food contact epoxy coatings. (D.2.1.2.1(a)(3))			
9	Hatches and other openings completely covered and sealed with tight fitting coverings, permanently mounted food-grade gaskets and security locks (D.2.1.2.1(B)(1))			
10	Water inlets and outlets equipped with threaded or clamped caps, tethered to the ports with chain or cable (D.2.1.2.1(B)(1))			
11	Tanks vented by a downward facing, or otherwise protected vent opening of a sufficient size to allow air to replace water as it is discharged. This opening shall be protected by an appropriate screen as required in the state that certifies the equipment. If a State does not certify the equipment, the screen shall be made from non-toxic, nonabsorbent material. (D.2.1.2.1(b)(3))			
12	Tank provides a means of drainage and if it is equipped with a manhole, overflow, vent, or a device for measuring depth of water, provision shall be made to prevent entrance into the tank of any contaminating substance. No deck or sanitary drain or			

### Minimum Requirements

**Yes    No**

	pipe carrying non-potable water or liquid shall be permitted to pass through the tank. A bottom drain shall be provided to facilitate complete discharge of water during sanitation procedures. (D.2.1.2.1(b)(4))		
13	No backflow or cross connections between potable water systems and any other systems. Pipes and fittings conveying potable water to any fixture, apparatus, or equipment shall be installed in such a way to prevent backflow. Waste pipes from any part of the potable water system, including treatment devices, discharging to a drain, shall be suitably protected against backflow D.2.1.2.1		
14	An approved backflow prevention device complying with Uniform Plumbing Codes (603.3.1, 2, 3, 4, 5 and 8), such as acceptable double check valves on the direct filling connection to the tank. No connections between the tank and the check valve (D.2.1.2.1(c)(1)(i))		
15	If overhead filling through a hatch opening at top of tank: filling spout must not be allowed to intrude into the tank further than two diameters of the filling pipe above the highest water level that is possible when the tank is filled. If an overhead filler pipe is mounted on the vehicle, when not being used for filling, this pipe shall be capped at each end with threaded or clamped caps, and tethered to the fittings at the ends of the filler pipe. (D.2.1.2.1(c)(1)(ii))		
16	<b>Pump:</b> Pumps shall be made of food-grade materials or materials meeting NSF International Standard 61. Only potable water/food-grade pumps which can be readily disassembled to demonstrate the condition of the impeller and impeller chamber shall be used. Internal pump water contact surfaces, including seals and bearings must be constructed from food grade materials or materials meeting NSF International Standard 61 and must be smooth, non-porous, and corrosion resistant. D.2.1.2.1		
17	<b>Pump:</b> The contractor shall have available at all times the manufactures product data information that demonstrates the materials in the pump housing are made of food grade material or the pump is suitable for domestic, sanitary or potable water use. D.2.1.2.1		
18	Hoses, fittings, valves and similar equipment shall have a smooth interior surface made of food-grade standard materials or materials meeting NSF International Standard 61. (D.2.1.2.1(e)(1))		
19	Hoses marked/labeled at each end "potable water". The use of galvanized pipes or fittings is prohibited (D.2.1.2.1(e)(1))		
20	The ends of all hoses provided with threaded or clamped caps. Such caps in place when hoses are not in use. Hoses in storage compartments must also be capped. (D.2.1.2.1(e)(2))		
21	Chlorine residual test kits available (D.2.1.2.1(f)(6))		
22	Written procedures for equipment cleaning and sanitizing shall be maintained by the Contractor and shall be kept with the hauling vehicle at all times. These procedures shall include the names, amounts, and contact times of cleaning and sanitizing agents to be used. The frequency of equipment cleaning and sanitizing must be tracked in a log to be kept with the vehicle at all times. D.2.1.2.1		

**Minimum Requirements**

**Yes No**

23	Each truck shall be accessible to individuals for filling canteens or other water containers (either mounted on the truck or a separate stand). It shall have a minimum of seven (7) valved outlets (capable of flowing 3 gpm each); evenly spaced on a minimum 1-1/2" pipe. All materials used for plumbing the canteen filling stations must be constructed of food grade materials or acceptable metal (brass, aluminum, stainless steel, or copper). Must have effective backflow prevention (check valves), and dispensing spouts or hose bibs (threaded faucets require vacuum breakers). (D.2.1.2.1(i)(1))		
24	Fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag (D.2.1.2.4(a))		
25	Approved spark arrester on all naturally aspirated engines (D.2.1.2.4(b))		
26	Flashlight (D.2.1.2.4(e))		
27	Truck shall not exceed the manufacturer's GVWR or Gross Axle Weight Rating (GAWR) per axle when the vehicle is fully loaded and equipped (D.2.1.2.5)		
28	Brakes on all axles: All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder). D.2.2		
29	All vehicles under hire on this agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994. D.2.2		
30	Tires shall have load ratings in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which include the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. D.2.2.1		

Equipment **meets** agreement specifications       Equipment inspection **pending** further review

Inspection Company: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Inspector Signature

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Signature

- Contractor given the opportunity to correct noted deficiencies (*See Remarks*)
- Contactor successfully corrected noted deficiencies
- Equipment **does not meet** agreement specifications

Inspection Company: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Inspector Signature

**Remarks**

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# VEHICLE/HEAVY EQUIPMENT PRE-USE INSPECTION CHECKLIST

GENERAL EQUIPMENT INFORMATION	
1. INCIDENT NAME/NO.	2. RESOURCE ORDER NO.
3. CONTRACTOR NAME	
4. AGREEMENT NO.	5. EXPIRATION DATE
6. MAKE/MODEL	7. EQUIPMENT TYPE
8. VIN/SERIAL NO.	9. LICENSE NO./STATE

Section I—HEAVY EQUIPMENT	Acceptable	
	YES	NO
1. ROPS, roll-over protection system: Manufacturer-approved system secured to mainframe of tractor. Must include approved seat belts. *	<input type="checkbox"/>	<input type="checkbox"/>
2. Gauges and lights: mounted and function properly. *	<input type="checkbox"/>	<input type="checkbox"/>
3. Battery: check for corrosion, loose terminals, and hold downs.	<input type="checkbox"/>	<input type="checkbox"/>
4. Engine running: check oil pressure, knocks and leaks.	<input type="checkbox"/>	<input type="checkbox"/>
5. Sweeps, deflectors, safety screens <del>to be checked</del> *	<input type="checkbox"/>	<input type="checkbox"/>
6. Steering components: tight, free of play. *	<input type="checkbox"/>	<input type="checkbox"/>
7. Brakes: damaged, worn or out of adjustment. *	<input type="checkbox"/>	<input type="checkbox"/>
8. Exhaust system: equipped with a USFS-qualified spark arrester unless turbocharged. *	<input type="checkbox"/>	<input type="checkbox"/>
9. Fuel system: free of leaks and damage. *	<input type="checkbox"/>	<input type="checkbox"/>
10. Cooling system: full, free of leaks and damage. *	<input type="checkbox"/>	<input type="checkbox"/>
11. Fan and fan belts: check for proper tension. No fraying/cracks.	<input type="checkbox"/>	<input type="checkbox"/>
12. Engine support, equalizer bar, springs, main springs: check shackle bolts, shifted spring leaf. *	<input type="checkbox"/>	<input type="checkbox"/>
13. Belly plate, radiator guards: securely mounted and free from debris. *	<input type="checkbox"/>	<input type="checkbox"/>
14. Final drive, transmission and differential: check for dripping.	<input type="checkbox"/>	<input type="checkbox"/>
15. Sprocket and idlers: crack in spokes, sharp sprocket teeth, no welds.	<input type="checkbox"/>	<input type="checkbox"/>
16. Tracks and rollers: no broken pads, loose rollers, broken flanges. <del>to be checked</del> *	<input type="checkbox"/>	<input type="checkbox"/>
17. Dozer and assembly: trunnion bolts missing, cracks. *	<input type="checkbox"/>	<input type="checkbox"/>
18. Rear hitch (drawbar): serviceable, safe.	<input type="checkbox"/>	<input type="checkbox"/>
19. Body and cab condition: describe dents and damage.	<input type="checkbox"/>	<input type="checkbox"/>
20. Equipment cleanliness: all areas free of flammable materials, noxious weeds, and invasive species.	<input type="checkbox"/>	<input type="checkbox"/>
21. All hydraulic attachments: operate smoothly and all cylinders hold at extension; hose, lines, and pumps have no excessive wear and/or leaks.	<input type="checkbox"/>	<input type="checkbox"/>
22. Backup or travel alarm (minimum 87 db). *	<input type="checkbox"/>	<input type="checkbox"/>
23. Oil level and condition: full and clean.	<input type="checkbox"/>	<input type="checkbox"/>

Section II—ATTACHMENTS/PUMP/CHAINSAW/OR OTHER (Specify)	Acceptable	
	YES	NO
1. No missing/broken components, no loose hardware.	<input type="checkbox"/>	<input type="checkbox"/>
2. Sufficient fluid levels (oil, coolant, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
3. Cutting bar: straight, chain in good condition.	<input type="checkbox"/>	<input type="checkbox"/>
4. Cutting teeth: sharp, good repair.	<input type="checkbox"/>	<input type="checkbox"/>
5. Pump: builds pressure, no water or oil leaks.	<input type="checkbox"/>	<input type="checkbox"/>
6. Engine starts, idles, and shuts off with switch.	<input type="checkbox"/>	<input type="checkbox"/>

Section V—REMARKS
(Describe all unsatisfactory items and identify by line number)

10. PRE-USE INSPECTION	
<input type="checkbox"/> Accepted	<input type="checkbox"/> Rejected
MILES/HRS _____	DATE _____ TIME _____
Inspector's printed name _____	Title _____
Inspector's signature _____	

Section III—LIABILITY
The purpose of this checklist is to document pre-existing vehicle/equipment condition and to determine suitability for incident use. I hereby acknowledge full responsibility and liability for the operation and mechanical condition of the vehicle/equipment described herein.
Operator's printed name _____ Title _____
Operator's signature _____ Date _____

Section IV—TRANSPORT OR SUPPORT VEHICLES	Acceptable	
	YES	NO
1. "DOT" or CVSA inspection in the last 12 months (if required). *	<input type="checkbox"/>	<input type="checkbox"/>
2. Gauges and lights: mounted and function properly. *	<input type="checkbox"/>	<input type="checkbox"/>
3. Seat belts: operate properly for each seating position. *	<input type="checkbox"/>	<input type="checkbox"/>
4. Glass and mirrors, no cracks in vision. *	<input type="checkbox"/>	<input type="checkbox"/>
5. Wipers, washers, and horn operate properly. *	<input type="checkbox"/>	<input type="checkbox"/>
6. Clutch pedal: proper adjustment (if applicable).	<input type="checkbox"/>	<input type="checkbox"/>
7. Cooling system: full, free of leaks and damage.	<input type="checkbox"/>	<input type="checkbox"/>
8. Fluid levels (e.g. oil) and condition: full and clean.	<input type="checkbox"/>	<input type="checkbox"/>
9. Battery: check for corrosion, loose terminals and hold downs.	<input type="checkbox"/>	<input type="checkbox"/>
10. Fuel system: free of leaks and damage. *	<input type="checkbox"/>	<input type="checkbox"/>
11. Electrical system: alternator and starter work.	<input type="checkbox"/>	<input type="checkbox"/>
12. Engine running: check oil pressure, knocks, and leaks.	<input type="checkbox"/>	<input type="checkbox"/>
13. Transmission: check for leaks.	<input type="checkbox"/>	<input type="checkbox"/>
14. Steering components: tight, free of play. *	<input type="checkbox"/>	<input type="checkbox"/>
15. Brakes: damaged, worn or out of adjustment. *	<input type="checkbox"/>	<input type="checkbox"/>
16. 4-Wheel drive: check transfer case, leaks (if applicable).	<input type="checkbox"/>	<input type="checkbox"/>
17. Drive line U-joints: check for looseness.	<input type="checkbox"/>	<input type="checkbox"/>
18. Suspension systems: springs, shocks, other. *	<input type="checkbox"/>	<input type="checkbox"/>
19. Differential(s): check for leaks.	<input type="checkbox"/>	<input type="checkbox"/>
20. Exhaust system: no leaks under cab or before turbo. *	<input type="checkbox"/>	<input type="checkbox"/>
21. Frame condition, body/bed properly attached. *	<input type="checkbox"/>	<input type="checkbox"/>
22. Tires/wheels (including spare and all changing equipment) sufficient load rating, tread depth, no major damage. *	<input type="checkbox"/>	<input type="checkbox"/>
23. Body and interior condition: describe and locate damage on back of page 3, Section IV, item 23.	<input type="checkbox"/>	<input type="checkbox"/>
24. Emergency equipment required. *	<input type="checkbox"/>	<input type="checkbox"/>
Fire extinguisher _____ Spare fuses _____ Reflectors _____	<input type="checkbox"/>	<input type="checkbox"/>
25. Operator(s) properly licensed. † Expiration Date _____	<input type="checkbox"/>	<input type="checkbox"/>
State _____ License No _____ Class _____	<input type="checkbox"/>	<input type="checkbox"/>
Endorsement _____ Med. Cert. Expiration Date _____	<input type="checkbox"/>	<input type="checkbox"/>

11. RELEASE	<input type="checkbox"/> No Damage/No Claim
MILES/HRS _____	DATE _____ TIME _____
Operator's printed name _____	Title _____
Operator's signature _____	Date _____
Inspector's printed name _____	Title _____

Contractor \_\_\_\_\_ Resource Order No. \_\_\_\_\_

## Section IV - Transport and Support Vehicles

Motor vehicle parts and accessories must be in Safe Operating Condition At All Times, FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION (FMCSA) as prescribed by U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION PARTS 393 & 396, and NORTH AMERICAN UNIFORM OUT-OF-SERVICE CRITERIA, COMMERCIAL VEHICLE SAFETY ALLIANCE (CVSA).

**REJECT IF: Parts and accessories covered in FMCSR part 393, 396 and/or CVSA North American Uniform Out-of-service Criteria are not in safe and proper operating conditions at all times. These include, but are not limited to the parts and accessories listed below.**

### 2. Gauges and Lights (393.82, 393.11)

- ◆ Speedometer inoperative.
- ◆ All required lighting devices, reflectors and electrical equipment must be properly positioned, colored and working.

### 3. Seat Belts (393.93)

- ◆ Any driver or right outboard seat belt missing or inoperative.

### 4. Glass and Mirrors (393.60, 393.80)

- ◆ Any discoloration not applied by the manufacturer for reduction of glare.
- ◆ Any windshield crack over 1/4" wide.
- ◆ Any crack less than 1/4" wide that intersects with any other crack.
- ◆ Any damage 3/4" or greater in diameter.
- ◆ Any 2 damaged areas closer than 3" to each other.
- ◆ Any required mirror missing. One on each side, firmly attached to the outside of the vehicle, and so located as to reflect to the driver a view of the highway to the rear along both sides of the vehicle.
- ◆ Any required mirror broken.

### 5. Wipers and Horn (393.78, 393.81)

- ◆ Wiper blade(s) fail to clean windshield within 1" of windshield sides.
- ◆ Horn missing, inoperative or fails to give adequate/reliable warning signal.

### 10. Fuel System (393.65, 393.67)

- ◆ Fuel tank not securely attached to vehicle by reason of loose, broken or missing mounting bolts or brackets.
- ◆ Visible leak at any point.
- ◆ Fuel tank cap missing.

### 14. Steering (393.209)

- ◆ Steering wheel does not turn freely, has any spokes cracked through or is missing any parts.
- ◆ Steering lash not within parameters, see chart in FMCSA 393.209.
- ◆ Steering column is not secure.
- ◆ Steering system; any U-joint worn, faulty or repaired by welding.
- ◆ Steering gear box is loose, cracked or missing mounting bolts.
- ◆ Pitman arm is loose, or has any welded repairs.
- ◆ Power Steering; any component is inoperative. Any loose, broken or missing parts. Belts frayed, cracked or slipping.
- ◆ Any fluid leaks, fluid reservoir not full.

### 15. Brakes (393.40-393.55)

- ◆ Brake system has any deficiencies as described in FMCSA.
- ◆ Brake system has any missing, loose, broken, out of adjustment or worn out components.
- ◆ Brake system failure warning device missing, inoperative, or fails to give adequate warning.
- ◆ Brake system has any air or fluid leaks.

### 18. Suspension Systems (393.207)

- ◆ Any axle positioning part is cracked, broken, loose or missing. All axles must be in proper alignment.
- ◆ Any leaf spring cracked, broken, missing or shifted out of position.
- ◆ Adjustable axle assemblies with locking pins missing or not engaged.

### 20. Exhaust (393.83)

- ◆ Any part of the exhaust system so located as would be likely to result in charring, burning, or damaging the wiring, fuel supply or any combustible part of the vehicle.
- ◆ Bus exhaust leaks or discharge forward of the rearmost part of the bus in excess of 6" for Gasoline powered or 15" for other than Gasoline powered, or forward of any door or window designed to be opened on other than a Gasoline powered bus. (Exception: emergency exit).
- ◆ Any leak at any point forward of or directly below the driver and/or sleeper compartment.

### 21. Frame (393.201)

- ◆ Any cracked, broken, loose or sagging frame member.
- ◆ Any loose or missing fasteners including those attaching engine, transmission, steering gear, suspension, body, and fifth wheel.
- ◆ Any condition that causes the body or frame to contact the tire or wheel assemblies.

### 22. Tires and Wheels (393.75, 393.205)

- ◆ Any body ply or belt material exposed through tread or sidewall.
- ◆ Any tread or sidewall separation.
- ◆ Any cut exposing ply or belt material.
- ◆ Tread depths less than 4/32" on steering axle.
- ◆ Less than 2/32" on any other axle.
- ◆ Any bus with regrooved, recapped, or retreaded tires on the front wheels.
- ◆ Any tire not properly inflated or any overloaded tire.
- ◆ Any tire that comes in contact with any part of the vehicle.
- ◆ Any tire marked "Not for Highway Use".
- ◆ Wheels or rims shall not be cracked or broken.
- ◆ Stud or bolt holes on the wheels shall not be elongated.
- ◆ Nuts or bolts shall not be missing or loose.

### 24. Emergency Equipment (393.95)

- ◆ Every power unit must be equipped with a fire extinguisher that is properly filled and readily accessible for use.
- ◆ Spare fuses or other overload protective device.
- ◆ Warning devices for stopped vehicles.

### 25. License (383.23, 391.41)

- ◆ No person shall operate a commercial motor vehicle unless such person has passed written and driving tests which meet the Federal Standards for the commercial motor vehicle that person operates.
- ◆ Persons shall not drive a commercial motor vehicle unless he/she is physically qualified to do so and has on his/her person the original, or a photographic copy, of a medical examiner's certificate that he/she is physically qualified.

### IN ADDITION TO THE ABOVE:

Agency personnel reserve the right to reject any equipment due to any additional condition or combination of conditions that make the vehicle unsafe, unreliable, or may pose unreasonable damage to the environment, or will be unable to fully perform the duties for which the equipment has been hired.

**The inspector shall inspect for compliance with the FMCSA, State and Local laws and regulations. Therefore, the Inspector must ACCEPT or REJECT all equipment he/she inspects.**

### Region 6 VIPR Equipment Weight Calculation Form

Company Name:			
Make:		Model:	
Year:		Odometer Reading (not in Kilometers):	
VIN Number:			
DOT Number:		Unit Id:	
Manufactures GVWR			
		Loaded Weight	Unloaded weight
Front Axle GAWR			
Rear Axle GAWR – 1 <sup>st</sup> Axle Tandem			
Rear Axle GAWR- 2 <sup>nd</sup> Axle Tandem			
Lift Axle GAWR if Applicable			
Total Certified Loaded Weight			
Total Certified Unloaded Weight			
Difference in Weights			
Difference in weight divided by 8.33 lbs per gallon to determine tank capacity			

Inspection Company: \_\_\_\_\_  
Print

\_\_\_\_\_  
Inspector Signature

Date: \_\_\_\_\_

Contractor: \_\_\_\_\_  
Print

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_