

**REGION 6 VIPR PRE-AWARD
 FIRE EQUIPMENT INSPECTION CHECKLIST
 PUMPER CAT**

COMPANY NAME: _____ **DATE:** _____
(On VIPR Agreement)

VIN#: _____ **EQUIPMENT/Unit I.D.** _____

EQUIPMENT MAKE: _____ **MODEL:** _____

Rental equipment No Yes **Rental company name** _____

EQUIPMENT REQUIREMENTS – PUMPER CAT

- | | | |
|---|--|---|
| <input type="checkbox"/> Type 1:
200+ hp
500+ gallons | <input type="checkbox"/> Type 2
100-199 hp
325-499 gallons | <input type="checkbox"/> Type 3:
60-99 hp
200-324 gallons |
|---|--|---|

Equipment Attributes:

Flywheel HP _____ HP Reference Document _____

Measured tank capacity (*gallons*) _____

Foam proportioner _____ Manually regulated _____ Automatic regulating _____ None

Compressed Air Foam (CAFS) Yes No CFM _____ @ PSI _____

Winch (*min. 50ft of cable rated for winch capacity*) Yes No

Grapple Yes No

- Blade Type
- Straight, no hydraulic tilt
 - Straight, with hydraulic tilt
 - Angle, no hydraulic tilt
 - Angle, with hydraulic tilt
 - 6-way hydraulic (PAT)

Minimum Requirements

Yes No

1	VIN # on Equipment matches VIPR		
2	OF-296 Vehicle/Heavy Equipment Safety Inspection completed		
3	Aftermarket Equipment Certification: Certification from a licensed mechanical engineer or the original equipment manufacturer which states that the design limits of the original equipment has not been compromised and that mounting hardware is rated for the load secured by the hardware (D.2.1.2)		
4	Operator Protection: Forestry cab which meets all applicable federal and state (the state where equipment is registered) safety standards (per OSHA, 29 CFR 1910.266) for the year machine was constructed. <input type="checkbox"/> ROPS must meet SAE J1040 or ISO ISO 3471/8082 <input type="checkbox"/> FOPS must meet SAE J231 (D.2.1.2)		
5	Deflectors: Installed in front of the operator (may be part of the cab) (D.2.1.2)		

Minimum Requirements – continued**Yes No**

	Wire Mesh: Rear portion of cab fully enclosed with open mesh material or polycarbonate material capable of withstanding a broken winch line or jillpoke, with openings of such size as to reject the entrance of an object larger than 2 inches in diameter. <i>NOTE:</i> If the tank, as mounted, provides equivalent guarding for the operator, then no additional mesh or window glazing is needed (D.2.1.2.3)		
6	Fire Extinguisher: 2A 10BC, with current inspection tag and securely mounted to vehicle (D.2.1.2)		
7	First Aid Kit (5 person) (D.2.1.2)		
8	Lighting: Minimum 2 rear, 2 forward (D.2.1.2)		
9	Back-up Alarm and 2 backup lights (D.2.1.2)		
10	PPE: <input type="checkbox"/> Hardhat (must meet NFPA 1977 standard) <input type="checkbox"/> Fire shelter (D.2.1.2)		
11	Pump Type: <input type="checkbox"/> Auxiliary (must have spark arrestor) <input type="checkbox"/> Power take-off (PTO) (D.2.1.2)		
12	Pump Discharge Outlet: 1 inch NPSH (D.2.1.2.3)		
13	Pump: Discharge pressure gauge (D.2.1.2)		
14	Tank: Securely attached to the chassis in such a way to withstand pitch and roll of the load during off road operation without damaging the tank or other chassis components. All hardware rated to handle the load it is securing. No fiberglass or plastic tanks unless surrounded by steel to prevent puncture damage. (D.2.1.2)		
15	Tank baffling: At least one longitudinal baffle regardless of width and one transverse baffle. The distance between vertical tank walls and baffles, or between parallel baffles, shall not exceed 52". A free floating baffle system may be used in lieu of baffles; if utilized, a data sheet that validates baffling is sufficient to meet the manufacturers recommendation is required. (D.2.1.2)		
16	Fill Pipe: Minimum 4 inch Exhibit M		
17	Dump Valve: 3 inch minimum and capable of dumping into a port-a-tank Exhibit M		

Equipment Inventory

18	Inventory: Permanently etched or engraved with vendor/company identification (D.2.1.2)		
19	Hose Reel: Minimum 150 feet of 1 inch hard line hose, 3/4" inside diameter Exhibit M		
20	1 inch hose: 200 feet Exhibit M		
21	2 Nozzles: Combination fog/straight Stream, 1 NPSH female Exhibit M		
22	Hose Clamp: Forestry type Exhibit M		
23	Spanner Wrench: Combination 1 inch to 1 1/2 inch Exhibit M		
24	Fitting: Double Male, 1 inch NPSH Exhibit M		
25	Fitting: Double Female, 1 inch NPSH Exhibit M		
26	Reducer: 1 1/2 inch NH Female to 1 inch NPSH Male Exhibit M		
27	Reducer: 1 inch NPSH to 3/4 inch (garden hose) Exhibit M		
28	Adapter: 1 inch NH Female to 1 inch NPSH Male Exhibit M		
29	Adapter: 1 inch NPSH Female to 1 inch NH Male Exhibit M		
30	Shovel Exhibit M		
31	Pulaski Exhibit M		
32	Suction hose: 20 foot minimum (D.2.1.2)		

Equipment **meets** agreement specifications Equipment **does not** meet agreement specifications

Inspector: _____ Date: _____
Print Signature

Contractor: _____ Date: _____
Print Signature

Contractor given the opportunity to correct noted deficiencies (*See Remarks*)

Contactor successfully corrected noted deficiencies

Inspector: _____ Date: _____
Print Signature

REMARKS: _____

PUMPER CAT MINIMUM REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3
Tank Capacity (gallons) Minimum	500	325	200
Maximum	NONE	499	324
Flywheel HP Range	200	100-199	60-99
Pump Min Flow (gpm) @ rated pressure (psi)	30 70	30 70	30 70
1" hard line with 3/4" inside diameter hose on reel	150 feet	150 feet	150 feet
1 inch linen hose	200 feet	200 feet	200 feet
Discharge Outlet	1" NPSH	1" NPSH	1" NPSH
Pump and Roll	Yes	Yes	Yes
Foam Proportioner System	Optional	Optional	Optional
Winch or Grapple	Optional	Optional	Optional
Personnel Required	1	1	1