

**REGION 6 VIPR PRE-AWARD
FIRE EQUIPMENT INSPECTION CHECKLIST
WILDLAND FIRE ENGINE**

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

VIN#: _____ **EQUIPMENT/Unit I.D.:** _____
(Complete VIN)

EQUIPMENT MAKE: _____ **MODEL:** _____ **YEAR:** _____

LICENSE PLATE: _____ **STATE:** _____

EQUIPMENT REQUIREMENTS – WILDLAND FIRE ENGINE

Type 3 Type 4 Type 5 Type 6
(See Wildland Fire Engine Requirements for specifications)

Equipment Attributes:

Tank Capacity *(from weight calculation form OR tank manufacturer)* _____

Pump performance Acceptable Good Excellent

Foam proportioner ___ manually regulated ___ automatic regulating

Compressed Air Foam (CAFS) Yes No

CFM _____ @ PSI _____

All wheel drive *(required on Type 6 engine, optional on Type 3, 4, 5 engines)* Yes No

Minimum Requirements

		Yes	No
1	VIN # on Equipment matches VIPR		
2	OF-296 Vehicle/Heavy Equipment Pre-Use Inspection completed		
3	Fire Extinguisher: Rated 2A 10BC, securely mounted to the vehicle and with current annual maintenance tag D.2.1.2		
4	Company Name and Equipment ID: Affixed to both sides of truck cab D.2.2.3		
5	First aid kit: 5 person minimum Exhibit M		
6	Reflective triangles: bidirectional, set of 3 (Exhibit M) Exhibit M		
7	Back-up Alarm and 2 backup lights D.2.1.2		
8	Tires: Tire load ratings in accordance with vehicle GAWR/GVWR. Minimum tread depth: 4/32" front, 2/32" rear D.2.2.1		
9	Spare Tire: Full size spare tire and wheel that shall fit any position or a spare tire for front and rear axle with a minimum of a 4/32" tread and securely mounted to the vehicle. D.2.2.1.1		
10	2 Wheel chocks Exhibit A		
11	Water Tank: Firmly attached to frame or structurally sound flatbed D.2.1.2		

Minimum Requirements – continued

Yes No

			Yes	No
12	Tank baffling: Tanks shall be equipped with at least one (1) longitudinal baffle regardless of width and one (1) transverse baffle. The distance between vertical tank walls and baffles, or between parallel baffles, shall not exceed 52. All baffles must cover 75% of the plane of the tank. If a Free Floating Baffle System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation.	D.2.1.2		
13	2 Programmable Radios: One must be a handheld radio with two battery clamshells and one programming cable	D.2.3		
14	PPE per crewmember : <input type="checkbox"/> Hardhat (must meet NFPA 1977 standard) <input type="checkbox"/> Fire shelter (D.2.1.2)	D.2.1.2		
15	Inventory: permanently etched or engraved with vendor/company identification	D.2.1.2		
16	Inventory list: complete list of inventory including any extra items carried	D.2.1.2		
17	1 hose reel with 100' non-collapsible hose, minimum 3/4" inside diameter			
18	1 1/2" Hose (see wildland fire engine requirements table for min. quantity)			
19	1" Hose (see wildland fire engine requirements table for min. quantity)			
20	3/4" Hose (see wildland fire engine requirements table for min. quantity)			
21	2 Nozzles, combination Fog/Straight Stream, 1 1/2 NH female			
22	2 Nozzles, combination Fog/Straight Stream, 1 NPSH female			
23	2 Nozzles, adjustable 3/4 inch (garden hose)			
24	20' Suction hose, with strainer or screened foot valve			
25	3 Shovels, size "0"			
26	3 Pulaski's			
27	Fire Hose Clamp, forestry			
28	4 Spanner wrenches, combination, 2 each 1" & 1 1/2"			
29	Double Male 1 1/2" NH			
30	Double Female 1 1/2" NH			
31	Double Male 1" NPSH			
32	Double Female 1" NPSH			
33	2 Gated Wyes, 1 1/2" NH			
34	2 Gated Wyes 1" NPSH			
35	1 Gated Wye 3/4" (garden hose)			
36	4 Reducers, 1 1/2" NH Female to 1" NPSH Male			
37	1 Reducer 1" NPSH to 3/4" Garden Hose			
38	2 Adapters 1 1/2" NH Female to 1 1/2" NPSH Male			
39	2 Adapters 1 1/2" NPSH Female to 1 1/2" NH Male			
40	1 Mop Up Wand 3/4 inch receptor, with 3/4 inch nozzle tip			
41	5 Inline Ball Valves 3/4"			
42	2 Backpack pumps			
43	10 Fusee's			
44	3 Mill bastard files			

PUMP

Yes No

45	Pump Performance Type 3 _____ measured PSI <input type="checkbox"/> Acceptable (250-312 PSI) <input type="checkbox"/> Good (313-374 PSI) <input type="checkbox"/> Excellent (375 PSI or greater)	Exhibit M		
46	Pump Performance Type 4,5,6 _____ measured PSI <input type="checkbox"/> Acceptable (100-124 PSI) <input type="checkbox"/> Good (125-149 PSI) <input type="checkbox"/> Excellent (150 PSI or greater)	Exhibit M		

Minimum Requirements – continued

47	Discharge Pressure Gauge	D.2.1.2		
48	Foam Proportioner; <input type="checkbox"/> Manually regulated <input type="checkbox"/> Automatic regulating	D.2.1.2		
49	Amount of foam carried on engine in gallons: (min. 5 gal.)	Exhibit M		
50	Rapid shutoff valve that permits attachment of 1 ½ hose	D.2.1.2		
51	Auxiliary pump (if equipped) w/spark arrester	D.2.1.2		

CHAINSAW and CHAINSAW KIT INSPECTION CHECKLIST

MANUFACTURER: _____ **MODEL NUMBER:** _____

SERIAL NUMBER: _____

CHAINSAW

Yes No

Size: minimum 3 cubic inch motor (49cc)		
Guide Bar: Minimum of 18 inches, not bent or damaged		

CHAINSAW KIT

Chaps: Meets USFS Specification 6170-4F or later or certified to NFPA 1977		
Wrench: Combination; bar and sparkplug wrench		
Chain: Extra chain to fit saw-bar combo		
Chain File: Appropriate size for chain on saw		
Felling Axe		
Felling Wedge		
Fuel container: DOT approved fuel container to hold chainsaw fuel and guide bar oil		

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

Inspection Company: _____ Date: _____
Print Inspector Signature

Contractor: _____ Date: _____
Print Signature

- Contactor successfully corrected pending issues

Inspection Company: _____ Date: _____
Print Inspector Signature

- Equipment **does not meet** agreement specifications

Agency Representative: _____ Date: _____
Print Signature

REMARKS: _____

Wildland Fire Engine Requirements

Components	Wildland Engines			
	Type 3	Type 4	Type 5	Type 6
Pump Rating				
Minimum flow (GPM)	150	50	50	50
@ Rated pressure (PSI)	250	100	100	100
Tank Capacity (gal)				
Minimum	500	750	400	150
Maximum	1500	1500	749	399
Hose (feet)				
1 ½ inch	1000	300	300	300
1 inch	500	300	300	300
¾ inch (garden hose)	300	300	300	300
Live Reel Hose (¾ inch ID)	100	100	100	100
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Yes	Yes	Yes	Yes
Maximum GVWR (lbs.)	-	-	26,000	19,500
Personnel Required	3	3	3	3

Pump Pressure Advantages

Type 3 engines

- 250 to 312 psi rating is “Acceptable”
- 313 to 374 psi rating is “Good”
- 375 psi or more rating is “Excellent”

Type 4, 5, 6 engines

- 100 to 124 psi rating is “Acceptable”
- 125 psi to 149 psi rating is “Good”
- 150 psi or more rating is “Excellent”