

**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:** \_\_\_\_\_

**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 (*gallons from weight calculation form*) \_\_\_\_\_

Pump performance (PSI) \_\_\_\_\_

Vehicle year of manufacture \_\_\_\_\_

Foam proportioner \_\_\_\_\_ Manually regulated \_\_\_\_\_ Automatic regulating

Compressed Air Foam (CAFS)  Yes  No

CFM \_\_\_\_\_ @ PSI \_\_\_\_\_

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

**Minimum Requirements**

**Yes No**

<b>Minimum Requirements</b>		<b>Yes</b>	<b>No</b>
1	<b>VIN # on Equipment matches VIPR</b>		
2	<b>OF-296 Vehicle/Heavy Equipment Safety Inspection completed</b>		
3	<b>GVWR/GAWR:</b> Vehicle does not exceed manufactures rating when fully loaded (D.2.1.2)		
4	<b>Company Name and Equipment ID:</b> Affixed to both sides of truck cab (D.2.2.3)		
5	<b>Fire Extinguisher,</b> Rated 2A 10BC or better (D.2.1.2)		
6	<b>First aid kit:</b> 5 person minimum (D.2.1.2)		
7	<b>Reflective triangles:</b> bidirectional, set of 3		
8	<b>Back-up Alarm and 2 backup lights</b> (Exhibit M)		
9	<b>Tires:</b> All season mud and snow tires (4x4's must have mud and snow tires on all wheels) Tire load ratings in accordance with GAWR/GVWR. Minimum tread depth: 4/32" front, 2/32" rear (Exhibit M)		
10	<b>Spare Tire:</b> Full size spare tire securely mounted to vehicle, min 4/32 inch tread (D.2.2.1.1)		
11	<b>2 Wheel chocks</b> (Exhibit M)		

**Minimum Requirements – continued****Yes No**

		Yes	No
12	<b>Water Tank:</b> Firmly attached to frame or structurally sound flatbed (D.2.1.2)		
13	<b>Tank baffling:</b> Must have longitudinal and transverse baffles; 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)		
14	<b>2 Programmable Radios:</b> One must be a handheld radio with two battery clamshells and one programming cable (D.2.3) (Exhibit M)		
15	<b>PPE per crewmember :</b> <input type="checkbox"/> Hardhat (must meet NFPA 1977 standard) <input type="checkbox"/> Fire shelter (D.2.1.2)		
16	<b>Inventory:</b> permanently etched or engraved with vendor/company identification		
17	<b>Inventor list:</b> complete list of inventory		
18	<b>1 hose reel</b> with 100' hose non-collapsible, ¾" inside diameter		
19	<b>1 ½" Hose</b> (see wildland fire engine requirements table for min. quantity)		
20	<b>1" Hose</b> (see wildland fire engine requirements table for min. quantity)		
21	<b>¾" Hose</b> (see wildland fire engine requirements table for min. quantity)		
22	<b>2 Nozzles,</b> combination Fog/Straight Stream, 1 ½ NH female		
23	<b>2 Nozzles,</b> combination Fog/Straight Stream, 1 NPSH female		
24	<b>2 Nozzles,</b> adjustable ¾ inch (garden hose)		
25	<b>20' Suction hose,</b> with strainer or screened foot valve		
26	<b>3 – Shovels</b>		
27	<b>3 – Pulaski's</b>		
28	<b>Fire Hose Clamp,</b> forestry		
29	<b>4 – Spanner wrenches, combination,</b> 2 each 1" & 1 ½"		
30	<b>Double Male 1 ½" NH</b>		
31	<b>Double Female 1 ½" NH</b>		
32	<b>Double Male 1" NPSH</b>		
33	<b>Double Female 1" NPSH</b>		
34	<b>2 – Gated Wyes, 1 ½" NH</b>		
35	<b>2 – Gated Wyes 1" NPSH</b>		
36	<b>Gated Wye ¾"</b> (garden hose)		
37	<b>4 – Reducers,</b> 1 ½" NH Female to 1" NPSH Male		
38	<b>Reducer 1" NPSH to ¾" Garden Hose</b>		
39	<b>2 – Adapters 1 ½" NH Female to 1 ½" NPSH Male</b>		
40	<b>2 – Adapters 1 ½" NPSH Female to 1 ½" NH Male</b>		
41	<b>Mop Up Wand,</b> ¾ inch receptor, with ¾ inch nozzle tip		
42	<b>5 – Inline Ball Valves ¾"</b>		
43	<b>2 – Backpack pumps</b>		
44	<b>10 – Fusee's</b>		

**PUMP**

45	<b>Pump Performance Type 3</b> _____ measured PSI (minimum is 250 PSI with .716 orifice) <input type="checkbox"/> Acceptable (250-312 PSI) <input type="checkbox"/> Good (313-374 PSI) <input type="checkbox"/> Excellent (375 PSI or greater)		
46	<b>Pump Performance Type 4,5,6</b> _____ measured PSI (minimum is 100 PSI with .520 orifice) <input type="checkbox"/> Acceptable (100-124 PSI) <input type="checkbox"/> Good (125-149 PSI) <input type="checkbox"/> Excellent (150 PSI or greater)		
47	<b>Discharge Pressure Gauge</b> (D.2.1.2)		
48	<b>Amount of foam carried on engine in gallons:</b> (min. 5 gal.) (Exhibit M)		
49	<b>1 ½” discharge valve full flow, rapid shut off</b> (Exhibit M)		
50	<b>Auxiliary pump (if equipped) w/spark arrester</b>		

**CHAINSAW and CHAINSAW KIT INSPECTION CHECKLIST**

**MANUFACTURER:** \_\_\_\_\_ **MODEL NUMBER:** \_\_\_\_\_

**SERIAL NUMBER:** \_\_\_\_\_

CHAINSAW	Yes	No
<b>Size:</b> minimum 3 cubic inch motor (49cc)		
<b>Guide Bar:</b> Minimum of 18 inches, not bent or damaged		

CHAINSAW KIT	Yes	No
<b>Chaps:</b> Meets USFS Specification 6170-4F or later or certified to NFPA 1977		
<b>Wrench:</b> Combination; bar and sparkplug wrench		
<b>Chain:</b> Extra chain to fit saw-bar combo		
<b>Chain File:</b> Appropriate size for chain on saw		
<b>Felling Axe</b>		
<b>Felling Wedge</b>		
<b>Fuel container:</b> OSHA approved fuel container to hold chainsaw fuel and guide bar oil		

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:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### 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