

**REGION 6 VIPR PRE-AWARD  
 FIRE EQUIPMENT INSPECTION CHECKLIST  
 SKIDGINE**

**COMPANY NAME:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
(On VIPR Agreement)

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

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

**Rental equipment** No  Yes  **Rental company name** \_\_\_\_\_

**EQUIPMENT REQUIREMENTS - SKIDGINE**

- |   |  |   |  |
|---|--|---|--|
| <input type="checkbox"/> Type 1<br>176+ hp<br>1200+ gal | <input type="checkbox"/> Type 2<br>75-175 hp<br>800-1199 gal | <input type="checkbox"/> Type 3<br>100+ hp<br>400-799 gal | <input type="checkbox"/> Type 4<br>60-99 hp<br>200-399 gal |
|---|--|---|--|

**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 \_\_\_\_\_

Monitor (*type 1 and 2 only*)  Yes  No

Winch or Grapple (*type 3 and 4 only – min. 50ft of cable*)  Yes  No

\*Drop tank skidgine with grapple (*type 3 and 4 only*)  Yes  No

**Minimum Requirements**

**Yes No**

1	<b>VIN # on Equipment matches VIPR</b>		
2	<b>OF-296 Vehicle/Heavy Equipment Safety Inspection completed</b>		
3	<b>Aftermarket Equipment Certification:</b> 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	<b>Operator Protection:</b> 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	<b>Deflectors:</b> Must be installed in front of the operator area (may be part of the cab) (D.2.1.2)		
6	<b>Wire Mesh:</b> 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.2.1.2.2)		
7	<b>Fire Extinguisher:</b> 2A 10BC, with current inspection tag and securely mounted to vehicle (D.2.1.2)		
8	<b>First Aid Kit</b> (5 person) (D.2.1.2)		
9	<b>Lighting:</b> Minimum 2 rear, 2 forward (D.2.1.2)		

**Minimum Requirements – continued**

10	<b>Back-up Alarm and 2 backup lights</b>	(D.2.1.2)		
11	<b>PPE :</b> <input type="checkbox"/> Hardhat (must meet NFPA 1977 standard) <input type="checkbox"/> Fire shelter	(D.2.1.2)		
12	<b>Pump Type:</b> <input type="checkbox"/> Auxiliary (must have spark arrestor) <input type="checkbox"/> Power take-off (PTO)	(D.2.1.2)		
13	<b>Pump Discharge Outlet:</b> <b>Type 1,2:</b> 1 ½ inch NH <b>Type 3,4:</b> 1 inch NPSH	(D.2.1.2.3)		
14	<b>Pump:</b> Discharge pressure gauge	(D.2.1.2)		
15	<b>Tank:</b> 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)		
16	<b>Tank baffling:</b> 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)		
17	<b>Fill Pipe:</b> Minimum 4 inch	Exhibit M		
18	<b>Dump Valve:</b> 3 inch minimum and capable of dumping into a port-a-tank	Exhibit M		

**Equipment Inventory**

19	<b>Inventory:</b> Permanently etched or engraved with vendor/company identification	(D.2.1.2)		
20	<b>Hose Reel:</b> Minimum 150 feet of 1 inch hard line hose, ¾" inside diameter	Exhibit M		
21	<b>1 ½ hose:</b> Type 1 and 2 only: 300ft	Exhibit M		
22	<b>1 inch hose:</b> <b>Type 1,2:</b> min. 300ft <b>Type 3,4:</b> min. 200ft	Exhibit M		
23	<b>2 Nozzles:</b> Combination fog/straight Stream, 1 NPSH female	Exhibit M		
24	<b>Hose Clamp:</b> Forestry type	Exhibit M		
25	<b>Spanner Wrench:</b> Combination 1 inch to 1½ inch	Exhibit M		
26	<b>Fitting:</b> Double Male, 1 inch NPSH	Exhibit M		
27	<b>Fitting:</b> Double Female, 1 inch NPSH	Exhibit M		
28	<b>Reducer:</b> 1 ½ inch NH Female to 1 inch NPSH Male	Exhibit M		
29	<b>Reducer:</b> 1 inch NPSH to ¾ inch (garden hose)	Exhibit M		
30	<b>Adapter:</b> 1 inch NH Female to 1inch NPSH Male	Exhibit M		
31	<b>Adapter:</b> 1 inch NPSH Female to 1 inch NH Male	Exhibit M		
32	<b>Shovel</b>	Exhibit M		
33	<b>Pulaski</b>	Exhibit M		
34	<b>Suction hose:</b> 20 foot minimum	(D.2.1.2)		

**\*Drop tank skidgine:** If the tank can be removed and the grapple can be used for skidding logs or breaking apart jack-pots of fuel and reattached to the parent machine within one hour then the machine can be listed as a drop-tank Skidgine. This is an attribute not given points.

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

**(b) MINIMUM STANDARDS SKIDGINES:**

REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3	TYPE 4
Tank Capacity (gallons)				
Minimum	1,200	800	400	200
Maximum	NONE	1,199	799	399
Flywheel HP Range	176+	75-175	100+	60-99
Pump Min Flow (gpm)	50	50	30	30
@ rated pressured (psi)	100	100	70	70
1" hard line with 3/4" inside diameter hose on reel	150 feet	150 feet	150 feet	150 feet
1.5 inch linen hose	300 feet	300 feet	-	-
1 inch linen hose	300 feet	300 feet	200 feet	200 feet
Discharge Outlet	1 1/2" NH	1 1/2" NH	1" NPSH	1" NPSH
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Optional	Optional	Optional	Optional
Winch or Grapple	Not Required	Not Required	Optional	Optional
Drop Tank w/ Grapple	Optional	Optional	Optional	Optional
Personnel Required	1	1	1	1