

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

Equipment Attributes:

Flywheel HP _____ HP Reference Document _____

Measured tank capacity (*gallons*) _____

Foam proportioner _____ Manually regulated _____ Automatic regulating _____ None

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

Winch or Grapple (*type 3 and 4 only*) Yes No

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

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)		
	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.2.1.2.2)		
6	Fire Extinguisher: 2A 10BC, with current inspection tag and securely mounted to vehicle (D.2.1.2)		
7	First Aid Kit (5 person)		
8	Lighting: Minimum 2 rear, 2 forward		

Minimum Requirements – continued

9	Back-up Alarm and 2 backup lights		
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)		
12	Pump Discharge Outlet: Type 1,2: 1 ½ inch NH Type 3,4: 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		
17	Dump Valve: 3 inch minimum and capable of dumping into a port-a-tank		

Equipment Inventory

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

***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