

ENGINE INCIDENT INSPECTION CHECKLIST**Date:** _____ **Time:** _____

INCIDENT NAME: _____ INCIDENT #: _____

COMPANY/VENDOR: _____

EQUIPMENT MAKE: _____ MODEL: _____ YEAR: _____

VIN #: _____ Tank Capacity (Gallons): _____

ENGINE NUMBER: _____ ODOMETER: _____

LICENSE PLATE #: _____ STATE: _____

EQUIPMENT and PERSONNEL REQUIREMENTS – WILDLAND FIRE ENGINE☐ Type 3☐ Type 6**Minimum Requirements***Not all inclusive; for additional clarification refer to agreement (SF-1449 section D)***Yes No**

| | | | |
|----|---|--|--|
| 1 | Company Name and Unique Identification #: Affixed to both sides of truck cab. (D.2.2.3) | | |
| 2 | DOT # (required for all vehicles 10,001 lbs. or greater): on both sides of vehicle | | |
| 3 | Current DOT or CVSA inspection (required if over 10,001 lbs. GVWR) | | |
| 4 | Vehicle Weight: Manufacturers Gross Vehicle Weight Rating (GVWR): _____ | | |
| 5 | Total Vehicle loaded weight: _____ Empty: _____ | | |
| 6 | Tank capacity in gallons (loaded weight minus empty weight divided by 8.33) | | |
| 7 | Crew Manifest: Names (1) ENGB: _____ (2) FFT1/FFT2: _____ (3) FFT1/FFT2 | | |
| 8 | Type 6 Engine, All-wheel drive (Type 3,4,5 engines all-wheel drive optional). (D.2.1.2.1) | | |
| 9 | Fire Extinguisher , 1 rated at 2A 10BC or better and mounted. (D.2.1.2) | | |
| 10 | Reflective Triangles, bi-directional, set of 3. (Exhibit M) | | |
| 11 | Seat Belts for all passengers. (D.2.1.2) | | |
| 12 | 2 Wheel chocks. (Exhibit M) | | |
| 13 | Back-Up Alarm: Audible reverse warning device, and 2 back up lights. | | |
| 14 | Tires: All season or mud and snow tires. 4x4's must have mud and snow tires on all wheels, tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. (Exhibit M) | | |
| 15 | Spare Tire: Full size spare tire, spare is securely mounted to vehicle. Has adequate tire changing equipment | | |
| 16 | 1 – First Aid Kit (5 person) | | |
| 17 | Programmable Radios: Minimum of 2. One must be Handheld. Also has two battery clamshells, and one programming cable. (D.2.3) (Exhibit M) | | |
| 18 | PPE – Per Crew Member: Boots <input type="checkbox"/> Hard Hat <input type="checkbox"/> Gloves <input type="checkbox"/> Eye Protection <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Headlamp with batteries <input type="checkbox"/> Fire Shelter: New generation <input type="checkbox"/> (D.2.1.2) | | |

| | Minimum Requirements – continued | Yes | No |
|----|---|------------|-----------|
| 19 | Flame Resistant Clothing (Nomex): Two Full Sets, Per Crew Member. (D.2.1.2) | | |
| 20 | 3 – Line Gear (Day Packs): Min. of one per crew member. (D.2.1.2) | | |
| 21 | All Inventory Permanently Engraved: Required to permanently mark their equipment inventory with vendor/company information. Acceptable markings shall be etched or engraved. Painting or marking the equipment with permanent markers is not acceptable. In addition, the vendor is to maintain a complete inventory list, including any extra items they may be carrying. (D.2.1.2) | | |
| 23 | Up to date complete inventory list (including optional items) | | |
| 24 | 1 – Live hose reel of 100’ hose non-collapsible ¾” inside diameter | | |
| 25 | 1 ½” Hose (see table for min. quantity) | | |
| 26 | 1” Hose (see table for min. quantity) | | |
| 27 | ¾” Hose (see table for min. quantity) | | |
| 28 | 20’ Suction hose with strainer or screened foot valve | | |
| 29 | 2 Nozzles, combination Fog/Straight Stream, 1 ½ NH female | | |
| 30 | 2 Nozzles, combination Fog/Straight Stream, 1 NPSH female | | |
| 31 | 5 Nozzles, adjustable ¾ inch (garden hose) | | |
| 32 | 1 Nozzle, Foam 1 ½” | | |
| 33 | 1 – Double Male 1 ½” NH | | |
| 34 | 1– Double Female 1 ½” NH | | |
| 35 | 1 – Double Male 1” NPSH | | |
| 36 | 1 – Double Female 1” NPSH | | |
| 37 | 2 – Gated Wyes, 1 ½” NH | | |
| 38 | 2 – Gated Wyes 1” NPSH | | |
| 39 | 1 – Gated Wye ¾” (garden hose) | | |
| 40 | 1 – Reducer, 2 ½” NH Female to 1 ½” NH Male | | |
| 41 | 4 – Reducers, 1 ½” NH Female to 1” NPSH Male | | |
| 42 | 1 – Reducer 1” NPSH to ¾” Garden Hose | | |
| 43 | 1 – Adapters 1 ½” NH Female to 1 ½” NPSH Male | | |
| 44 | 1 – Adapters 1 ½” NPSH Female to 1 ½” NH Male | | |
| 45 | 5 – Inline Ball Valves ¾” | | |
| 46 | 1 - Mop Up Wand, ¾ inch receptor, with ¾ inch nozzle tip: | | |
| 47 | 1 – Forestry, Fire Hose Clamp | | |
| 48 | 4 – Spanner wrenches, combination, 2 ea. 1” & 1 ½” | | |
| 49 | 3 – Shovels, size “0” | | |
| 50 | 3 – Pulaski’s | | |
| 51 | 2 – Backpack pumps | | |
| 52 | 10 – Fusee’s (fire starter) | | |
| 53 | 3 – Mill Bastard Files | | |
| 54 | 1 Chainsaw with fuel (3.0 cubic in. min w/18” bar, chaps, hearing protection gas/oil, and accessories (OSHA Approved Fuel Containers). (D.2.1.2) | | |
| 55 | Auxiliary pump (if equipped) w/spark arrester: Min. 12 Hours fuel. (Exhibit M) | | |
| 56 | Pump starts and pumps min. 250 psi (T3) 100 psi (T4,5,6) (Exhibit M) | | |

| | Minimum Requirements – continued | Yes | No |
|-----------------------|--|-----|----|
| 58 | Pump and Roll capable (Exhibit M) | | |
| 59 | Foam Proportioner System: All Engines shall be equipped with a foam proportioner system Manually Regulated <input type="checkbox"/> Automatically Regulating <input type="checkbox"/> (D.2.1.2) | | |
| 60 | Amount of foam carried on Engine in gallons: (min. 5 gal.) _____ (Exhibit M) | | |
| 61 | 1 ea. 1 ½” discharge valve full flow, rapid shut off. (Exhibit M) | | |
| 62 | Water Tank: Firmly attached to frame, or structurally sound flatbed. | | |
| 63 | Tank meets baffling requirements One longitudinal baffle and one transverse baffle every 52” or free-floating baffle system with data sheet that validates baffling is sufficient to meet manufacturer’s recommendation. | | |
| 64 | Pump Accessories (If Pump Powered by Auxiliary Engine) (Exhibit M) | | |
| 65 | Wrench, Adjustable 10” | | |
| 66 | Wrench, Spark Plug (Unless adjustable wrench is suitable) | | |
| 67 | 1 Pliers (Slip Joint) | | |
| 68 | 2 qts. Crankcase Oil | | |
| 69 | 1 Screwdriver (Standard Blade) | | |
| 70 | 1 Screwdriver (Phillips) | | |
| 71 | 1 Spare Starter Rope (if required) | | |
| 72 | 1 Grease Gun with Grease | | |
| 73 | Spark Plugs (Sufficient to replace all plugs on auxiliary pump) | | |
| (Optional/Attributes) | | | |
| 74 | Compressed Air Foam System (CAFS) | | |

☐ Equipment meets agreement specifications

☐ Equipment does not meet agreement specifications

Inspector: _____

Date: _____

(Print and sign)

Contractor: _____

Date: _____

(Print and sign)

REMARKS: _____

ACTUAL PUMP RATING: _____ PSI

| COMPONENTS | WILDLAND ENGINES | | | |
|--------------------------|------------------|------|--------|--------|
| | 3 | 4 | 5 | 6 |
| PUMP RATING | | | | |
| Minimum flow (GPM) | 150 | 50 | 50 | 50 |
| @ Rated pressure (PSI) | 250 | 100 | 100 | 100 |
| Tank Capacity (GAL) | | | | |
| MIN | 500 | 750 | 400 | 150 |
| MAX | 1500 | 1500 | 749 | 399 |
| Hose (feet) | | | | |
| 1 1/2 inch | 1000 | 300 | 300 | 300 |
| 1 inch | 500 | 300 | 300 | 300 |
| 3/4 inch Garden Hose | 300 | 300 | 300 | 300 |
| Live Hose Reel 3/4" 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 |

CHAINSAW and CHAINSAW KIT INSPECTION CHECKLIST

(Wildland Engines Only)

MANUFACTURER: _____

MODEL NUMBER: _____

SERIAL NUMBER: _____

CHAINSAW (Minimum Engine Power required is 3.0 cubic inches)

Yes No

| | | |
|--|--|--|
| Any Visible Parts Broken | | |
| All visible nuts and bolts tight | | |
| Oil in chain reservoir | | |
| Proper Exhaust System and spark arrester | | |
| Started and checked the engine: Idles evenly, runs smoothly, satisfactory power | | |
| Guide Bar: Minimum of 18 inches, not bent, or damaged | | |
| Pull / Starter Rope: Functions properly | | |
| Chain Brake: Functions properly | | |

CHAINSAW KIT

| | | |
|---|--|--|
| 1 Chainsaw Kit: Bag or box to store complement | | |
| 1 Wrench: Combination; bar and sparkplug wrench | | |
| 1 Spark Plug: Spare spark plug that works (fits) in saw | | |
| 1 pint Engine Oil (2 stroke/cycle mix) | | |
| 1 pair Chaps: Wrap around leg safety chaps – OSHA approved | | |
| 1 Chain: Extra chain to fit saw-bar combo | | |
| 1 Chain File: Appropriate size for chain on saw | | |
| 1 Felling Axe | | |
| 1 Felling Wedge | | |
| 1 Fuel container: OSHA approved fuel container to hold chainsaw fuel and guide bar oil. Properly secured on vehicle. | | |
| 2 pair Ear Plugs | | |

Note: Contractor is required to have both the chainsaw and OSHA approved container(s) full of proper fuel mixture and oil at time of inspection.