

**This inspection form is to be used in conjunction with Optional Form 296**  
**ENGINE INSPECTION FORM    PASS    FAIL**

<b>Company Name:</b>		<b>Date of Inspection:</b>		Page 1 of 3
<b>Vehicle Id.#: (VIN#)</b>		<b>Odometer Reading:</b>		
NWCG Type Engine (3-6):		Tank Capacity (gallons)		
License #:		State:		
Make:	Model:	Year:		
<b>All Wheel Drive</b>		<b>Yes</b>	<b>No</b>	
<b>Markings Posted on Vehicle</b> (annotate actual postings)		<b>Yes</b>	<b>No</b>	
Company Name:				
Unit ID #:				
DOT #:				
<b>Vehicle Licensing</b>		<b>Satisfactory?</b>		
		<b>Yes</b>	<b>No</b>	
Vehicle meets licensing requirements, current registration				
Current DOT or CVSA inspection				
<b>Vehicle Weight</b>				
Manufacturers Gross Vehicle Weight:				
Manufacturers Front Axle Rating:				
Manufacturers Rear Axle Rating:				
Certified Front Axle, loaded weight:				
Certified Rear Axle, loaded weight:				
Certified Weight Ticket of loaded vehicle:				
<b>Minimum Engine Inventory</b>		<b>Yes</b>	<b>No</b>	<b>Qty</b>
1 - Live Hose Reel w/ minimum of 100' of 1" hose non-collapsible 3/4" inside Diameter				
1 1/2" Hose (see table for min. quantity)				
1" Hose (see table for min. quantity)				
3/4" Hose (see table for min. quantity)				
2 - Nozzles, comb fog/straight stream, 1 1/2" NH Female				
2- Nozzle, comb fog/straight stream, 1" NPSH Female				
2 - Nozzle, Adjustable 3/4" Garden Hose				
20' Suction hose with strainer or screened foot valve				
3 - Shovels, size "0"				
3 - Pulaskis				
1- Forestry, Fire Hose Clamp				
4 - Spanner wrenches, combination, 2 ea 1" & 1 1/2"				
1- Double Male 1 1/2" NH				
1- Double Female 1 1/2" NH				
1 - Double Male 1" NPSH				
1 - Double Female 1" NPSH				
2 - Gated Wyes, 1 1/2" NH				
2 - Gated Wyes 1" NPSH				
1 - Gated Wye 3/4" Garden Hose				
4 - Reducers, 1 1/2" NH Female to 1" NPSH Male				
1 - Reducer 1" NPSH to 3/4" Garden Hose				
2 - Adapters 1 1/2" NH Female to 1 1/2" NPSH Male				
2 - Adapters 1 1/2" NPSH Female to 1 1/2" NH Male				
1 - Mop-Up Wand 3/4" Receptor w/ 3/4" Nozzle Tip				
5 - Inline Ball Valves 3/4"				

Engine Inspection Form (continued)				Page 2 of 3		
Company Name:		Date of Inspection:		Engine #		
<b>Minimum Engine Inventory – continued</b>				<b>Yes</b>	<b>No</b>	<b>Qty</b>
2 – Backpack pumps						
1 Gallon Container for drinking water						
1 – First Aid Kit (5 person)						
3 – Headlamps w/Batteries and Hardhat Attachment						
10 – Fusee's (fire starter)						
3 – Mill Bastard Files						
3 – Line Gear (Day Pack)						
<b>Specific Requirements</b>				<b>Yes</b>	<b>No</b>	<b>Qty</b>
1 ea. – Saw with fuel (3.0 cubic in. min w/18" bar, chaps, hearing protection gas/oil, and accessories (OSHA Approved Fuel Containers)						
2 ea. – Programmable Radio's at least one must be hand held with 2 additional batteries & Programming Cable (Narrow Band Compliant)						
<b>Additional Vehicle Safety Items</b>						
Reflective Triangles, bi-directional, set of 3						
Fire Extinguisher, 1 rated at 10 B:C or better						
Chock Blocks 2						
Seat Belts for all Passengers						
Back up Alarm & back up lights						
<b>Personal Protective Equipment</b>				<b>Yes</b>	<b>No</b>	<b>Qty</b>
Fire Shelter	Nomex shirt/pants	Hardhat	Gloves		Boots	
<b>Pump Accessories (If Pump Powered by Auxiliary Engine)</b>				<b>Yes</b>	<b>No</b>	<b>Qty</b>
Wrench, Adjustable 10"						
Wrench, Spark Plug (Unless adjustable wrench is suitable)						
1 Pliers (Slip Joint)						
2 Qts. Crankcase Oil						
1 Screwdriver (Standard Blade)						
1 Screwdriver (Phillips)						
1 Spare Starter Rope (If Required)						
1 Grease Gun with Grease						
Spark Plugs (Sufficient to replace all plugs on auxiliary pump)						
<b>Compressed Air Foam System (CAFS)</b>				<b>Yes</b>	<b>No</b>	
Actual Compressor Rating (cubic feet per minute)						
<b>Foam Proportioner System (check one)</b>						
Fixed	Manual Adjustable	Automatic Adjustable	None			
Amount of foam carried on engine in gallons: (min. 5 gal.)						
<b>Water Tank Firmly Attached to Frame or structurally sound flat bed</b>				<b>Yes</b>	<b>No</b>	
1 ea 1 1/2" discharge valve full flow, rapid shut off						
<b>Pump Type (check one)</b>		Auxiliary	PTO			
Actual Pump PSI		CHECK ONE: Acceptable	Good	Excellent		
				<b>Yes</b>	<b>No</b>	
Draft from 10 feet vertical through suction hose with foot valve						
Pump and roll capability						
Fuel to operate pump (min. 12 hours) in DOT approved container						
<b>Vehicle Tires</b>						
Tire load ratings in accordance with vehicle GVWR						
All season mud and snow tread with minimum 4/32" front 2/32" rear tread						
Vehicles with 4-wheel drive must have mud and snow tread on all wheels						
Full size spare tire and wheel with changing equipment that shall fit any position or a spare tire for front and rear axle. Min tread 4/32"						

**ENGINE INSPECTION FORM** (continued)

Page 3 of 3

<b><u>Company Name:</u></b>	<b><u>Date of Inspection:</u></b>	<b><u>Engine #</u></b>
<b><u>Vehicle Condition</u></b> Glass (chips/cracks)		
Body Condition (dents/scratches)		
<b><u>Name of Contractor (type or print)</u></b>	<b><u>Signature of Contractor</u></b>	<b><u>Date</u></b>
<b><u>Name of Inspector (type or print)</u></b>	<b><u>Signature of Inspector</u></b>	<b><u>Date</u></b>
<b><u>Inspectors' Agency</u></b>		<b><u>Inspectors' Phone #</u></b>
<b>Remarks: ( document all items that fail inspection)</b>		
<b><u>Pressure and Flow Testing of Pumps – Refer to Exhibit J</u></b>		
<u>Type 3 engines</u>		
Pressure with .716 diameter sharp edged orifice installed		
<ul style="list-style-type: none"> <li>▪ 250 to 312 psi is a rating of “Acceptable”</li> <li>▪ 312.5 to 374 psi is a rating of “Good”</li> <li>▪ 375 psi or more is a rating of “Excellent”</li> </ul>		
<u>Type 4, 5, 6 engines</u>		
Pressure measured with a .520 diameter sharp edged orifice installed		
<ul style="list-style-type: none"> <li>▪ 100 psi to 124 psi is a rating of “Acceptable”</li> <li>▪ 125 psi to 149 psi is a rating of “Good”</li> <li>▪ 150 psi or more is a rating of “Excellent”</li> </ul>		

COMPONENTS	WILDLAND ENGINES – TABLE M.1			
	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
¾ inch Garden Hose	300	300	300	300
Live Hose Reel ¾" ID	100	100	100	100
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Yes	No	No	No
Maximum GVWR (lbs.)	-	-	26,000	19,500
Personnel Required	3	3	3	3

**CHAINSAW AND CHAINSAW KIT INSPECTION CHECKLIST**  
**(Wildland Engines Only)**

(Minimum Engine Power required is 3.0 cubic inches)

**MANUFACTURER** \_\_\_\_\_

**Model Number:** \_\_\_\_\_ **Serial Number:** \_\_\_\_\_

<b>CHAINSAW:</b>	<b>YES</b>	<b>NO</b>
<b>No Visible parts broken</b>		
<b>All visible nuts and bolts tight</b>		
<b>Oil in chain oil reservoir</b>		
<b>Proper Exhaust system and spark arrester</b>		
<b>Started and checked the engine, idles evenly, runs smoothly, satisfactory power; on/off kill switch works</b>		
<b>Guide Bar is at the minimum of 18 inches and not bent or damaged</b>		
<b>Pull rope functions properly</b>		
<b>Chain brake works properly</b>		
<b>CHAINSAW KIT:</b>		
<b>1 CHAINSAW KIT BAG OR BOX TO STORE COMPLEMENT</b>		
<b>1 Combination Bar/ Sparkplug wrench</b>		
<b>1 SPARE SPARK PLUG to fit saw</b>		
<b>1 PINT OF SPARE ENGINE OIL FOR ENGINE FUEL MIXTURE</b>		
<b>1 PAIR OF WRAP AROUND LEG SAFETY CHAPS – OSHA APPROVED</b>		
<b>1 EXTRA CHAIN TO FIT SAW-BAR COMBO</b>		
<b>1 CHAIN FILE</b>		
<b>1 FELLING AXE</b>		
<b>1 FELLING WEDGE</b>		
<b>1 - OSHA APPROVED FUEL CONTAINER TO HOLD CHAINSAW FUEL AND GUIDE BAR OIL PROPERLY SECURED ON VEHICLE</b>		
<b>2 SETS EAR PLUGS</b>		

**Contractor is required to have both the chainsaw and the OSHA approved containers full of proper fuel mixture and oil at the time of the pre-award inspection.**