

# Dozer Inspection

**Unit #:** \_\_\_\_\_ **Serial #:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Equipment Year, Make & Model:** \_\_\_\_\_ **Current Hour Meter:**

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**Last PM Service (Date & Hrs.):** \_\_\_\_/\_\_\_\_/\_\_\_\_ 

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**Hours this month:**

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<u>Engine Compartment</u>	<u>P</u>	<u>A</u>	<u>F</u>	<u>Machine Outside Cont.</u>	<u>P</u>	<u>A</u>	<u>F</u>	<u>Machine Interior</u>	<u>P</u>	<u>A</u>	<u>F</u>
<i>engine oil level and condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>track chain/bolts cracked/loose</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>DPF system (regen) needs</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>oil &amp; hydr. filters condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>idlers &amp; rollers leaking/froze up</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>DEF level (if equipped)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>pulleys &amp; water pump</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>grousers &amp; bolts condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>fuel level topped off</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>fan blades &amp; hub</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>pivot shafts (on high track)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>engine start up/condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>fluid leaks/weeping</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>guards &amp; ROPS condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>instrument panel/codes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>hydraulic cooler</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>tractor operator prot. syst.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>windows clean &amp; intact</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>radiator (blown out)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>batteries &amp; cables condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>fire shelter &amp; fist aid kit</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>belts &amp; hoses condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>fenders and enclosures</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>brake condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>engine coolant level</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>exhaust stack</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>handheld fire extinguisher</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>coolant reservoir condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>windshield wipers</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>VHF radio mounting</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>fuel filter/water sep. condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>dirt &amp; debris removed</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>VHF radio operation</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>engine air filters clean</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>winch mounting (if equipped)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>GPS mounted &amp; operational</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>oil &amp; hydraulic filter cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>winch oil level (if separate)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>all controls and switches</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>debris buildup removed</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>winch rollers &amp; cable cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>implement lockout</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>exhaust ducting operational</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>blade &amp; cutting edge condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>interior cleanliness</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>wiring &amp; harnesses</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>grease zerts greased</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>maintenance up to date</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>overall engine condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>VHF Radio Antenna</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>*Addl. Annual Insp. Items*</b>			
<i>windshield wiper fluid</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>exterior lighting operational</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>turbocharger</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Machine Outside</u></b>				<b><u>Plow/Ripper</u></b>				<i>track alignment</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>intake precleaner operational</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>hydr. cylinder, fittings, hoses</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>track tension &amp; sprocket</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>hydraulic cylinders &amp; hoses</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>bolts, pin, lock, &amp; spring rod</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>hydr. pump, valves &amp; wires</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>hydraulic fluid &amp; tank cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>plow, point, coulter &amp; disks</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>hydraulic fluid/filter service</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>all fluid tanks/reservoirs</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>plow pivot points</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>alternator, starter, &amp; voltage</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>fluid leaks/weeping</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>main beam/frame</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>ign. switch &amp; battery disc.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>"U" frame &amp; trunnion condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>rippers</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>brake chambers/calipers</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>skid plates in working cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>grease zerts greased</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>ac compressor &amp; hose cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>door hinges &amp; door catch</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<i>ac temperature at vents</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>AC condenser &amp; ac filters clean</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<i>DPF &amp; DEF system cond.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>transmission oil (if separate)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<i>oil samples</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* the items listed under additional annual inspection items and all other items listed are to be inspected by mechanic at least annually\*

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

Post Fire Check:       Weekly Insp.       Monthly Insp.       Out Of Service:

Ready For Assignment (yes/no): \_\_\_\_\_ *Post use & monthly inspections to be submitted with mileage/hr. log*

Inspector Name (Print): \_\_\_\_\_ Supervisor Position: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_ Supervisor Signature: \_\_\_\_\_

# Inspection Instructions

**NOTE:** Inspection items that are not applicable to machine should be marked (NA) in the pass column. Do not leave any inspection items blank. (NA) items should not be included when adding up checkpoints for determining machine readiness.

Overall, inspectors should look for damage, leaks, cracks, loose bolts, wear, fluid levels, non-operational items, ect.

1. **Unit #:** Four digit agency assigned identifier. (9491, 9390, 9293, etc.)
2. **Serial #:** Manufacturer assigned alpha numeric identification code. (will be necessary for any parts needs)
3. **Date:** Day inspection is performed. (post use & monthly inspections should submitted with mileage/hr. log)
4. **Equipment Year, Make & Model:** Year model of machine followed by machine manufacturer & specific model.
5. **Current Hour Meter:** Machine hour meter reading at time of inspection.
6. **Last PM Service:** Fill in with date & hour meter reading for last scheduled preventative maintenance (old form 8)
7. **Hours This Month:** Number of hours put on this machine this month.
8. **Comments:** If any checkpoint does not fall into pass category give brief description of problems identified by inspector. Example: "Batteries & cables box is checked "A" due to slight corrosion of battery terminals"
9. **Post Fire Check:** At a minimum, all items in red italics should be checked during post use inspection.
10. **Weekly/Monthly Check:** Check whether weekly or monthly inspection. (monthly and post use at minimum)
11. **Ready For Assignment:** Check if machine has passed inspection and condition has met agency expectations for firefighting equipment (full of fuel, fully operable, communications equipment operable & machine stocking)
12. **Out Of Service:** Check if machine fails inspection and condition does not meet agency expectations for firefighting equipment. (If checked, machine will not be allowed on active fireline until failed points are corrected.)
13. **Inspector Name:** Agency recognized name of person performing inspection; first and last name printed. (no nicknames)
14. **Inspector Signature:** Signature of person performing inspection; verifying that the inspection was performed properly, honestly and information entered into the inspection form is correct and not altered to meet "Ready For Assignment" status.
15. **Supervisor Position:** Position of person supervising inspector. In most situations it should be the workplace supervisor for the employee (RFC, TFC, ACRFC). In cases on incident where workplace supervisor is not available seek supervisor approval from the incident overhead. (TFLD, STLD, DIVS, IC, etc.)
16. **Supervisor Signature:** Signature of person supervising inspector and equipment. Signature states inspection was conducted properly, honestly and machine is in compliance with agency expectations for firefighting equipment.

## Out Of Service Instructions

1. *Machine shall be determined "Out Of Service" if any checkpoint listed in red (Italicized), falls into the "FAIL" category.*
2. Machine shall be determined "Out Of Service" if 5 or more checkpoints listed in black, fall into the "FAIL" Category.
3. Machine Shall be Determined "Out Of Service" if 9 or more checkpoints in red or black, fall into the 'Attention' Category.

**Note: Instructions for "Out of Service" are general guidelines to aid inspectors/operators in quickly determining an "Out of Service" situation. These situations can be controversial and circumstantial due to complexity level of incident, incident objectives and operator skill and experience. An "Out of Service" inspection can be overridden with supervisor approval if the incident situation warrants such actions. If operator safety may be jeopardized due to putting machine back in service; the override should be discarded and repairs should be performed before allowing the machine back on fireline activities.**