

Safety & Maintenance Inspection (D3-D5)

Operator/Inspector _____ Date _____ Time _____

Serial Number _____ Machine Hours _____



- A thorough, regular visual inspection of the machine is necessary to maintain machine performance, availability, and safety. Make the inspection at the beginning of every shift or make the inspection after every 10 hours.
- Inspect the area around the machine and under the machine. Look for loose bolts, trash buildup, oil leaks, coolant leaks, broken parts, or worn parts. Remove accumulated trash, dirt, grease, or oil from the machine.
- For more information, please refer to the Operation & Maintenance Manual (O&MM) or any other applicable manuals and instructions for this product. If you have questions, please contact your local Cat dealer.

What are you inspecting?	✓	What are you looking for?	✓	Evaluator Comments
FROM THE GROUND				
Blade cutting edges, corner bits, moldboard		Excessive wear, damage, missing or loose bolts		
Blade tilt cylinders		Excessive wear, damage, leaks		
Push arm, trunnion		Damage, loose bolts, clearance		
Underneath machine		Final drive leaks, damage, debris		
Overall undercarriage		Packing, debris buildup		
Idlers & rollers		Leaks, damage, wear, mounting bolts		
Drive sprockets		Wear, damage, loose bolts		
Final drive		Inspect for debris that may be wrapped around the drive		
Track assembly		Tightness, proper adjustment		
Duo-cone seals		Check seals for oil leaks		
Ripper		Cylinder damage, wear, leaks		
Ripper shank, GET		Wear or damage, missing GET		
Blade & ripper linkage		Inspect the linkage for the blade & ripper Inspect fasteners for the linkage		
Lights, front & rear		Function, damage to lens, housing or wiring		
Steps & handholds		Inspect for damage and cleanliness Check for missing or loose bolts/hardware damage		
Overall machine		Loose or missing nuts and bolts, loose guards, cleanliness, fluid leaks		

ENGINE COMPARTMENT

Engine oil		Fluid level		
Engine coolant		Fluid level		
Air filter		Restriction indicator		
Radiator		Check for debris buildup, coolant leaks, and damaged fins & tubes		
Aftercooler		Inspect for debris buildup, coolant leaks, and damaged fins & tubes		
Fan		Inspect for damage to the blades or for oil leaks		
All hoses		Cracks, wear spots, leaks		
All belts		Tension, wear, cracks		
Overall engine compartment		Trash or dirt buildup, leaks		



Safety & Maintenance Inspection (D3-D5)

What are you inspecting? ✓	What are you looking for? ✓	Evaluator Comments
----------------------------	-----------------------------	--------------------

ON THE MACHINE, OUTSIDE THE CAB

ROPS	Damage, loose mounting bolts	
Fuel tank	Fuel level, damage, leaks, fuel cap	
Diesel exhaust fluid (DEF) tank (if equipped)	Fluid level, check for debris buildup	
Hydraulic oil tank	Fluid level, damage, leaks	
Primary fuel filter	Drain water per O&MM	
Fire extinguisher	Charge, damage, date of inspection	
Lights	Inspect for broken bulbs and for broken lenses Inspect light guards and shields for damage	
Windshield, windows	Broken glass, cleanliness	
Windshield wipers / washers	Wear, damage / fluid level	
Pre-cleaner	Debris	
Fresh air filter	Dirt, dust	
Batteries & hold downs	Cleanliness, loose nuts & bolts	

INSIDE THE CAB

Seat	Adjustment, able to reach pedals	
Seat belt & mounting	Damage, wear, adjustment, installed date, age (install by date)	
Horn, backup alarm, lights	Proper function	
Recirculation cab air filter	Dirt, dust	
Indicators	Proper function	
Monitor panel	Proper function	
Switches	Proper function	
Travel controls	Correct operation, free from debris	
Mirrors	Proper adjustment, clean	
Heating & cooling	Proper function	
Overall cab interior	Cleanliness, free from debris	

NOTES:

Inspected by: _____ Date: _____ Time: _____