



# Safety & Maintenance Inspection (HC) 613G-627K

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
<b>FROM THE GROUND</b>				
Tires, wheels		Inflation, leaks, damage, wear, cuts, lock ring on rim		
Steps, walkways, and handholds (tractor)		Condition, cleanliness, secure		
Radiator (tractor)		Fin blockage, leaks		
Push plate and bail		Welds, no bends		
Outside cab air filter		Cleanliness, moisture		
Underneath machine (tractor)		Cracks, leaks, wear, damage, loose bolts, mounting brackets, debris		
Steering cylinders & linkage		Wear, damage, leaks, kinked hoses, lubricate		
Lights (tractor)		Condition, cleanliness		
Hitch components		Damage, wear		
Transmission oil		Fluid Level		
Differential and final drive		Fluid level		
Draft arms and torque tube		Cracks and damage		
Cutting edge and end bits		Cracked welds, wear, damage, missing bolts		
Bowl and apron		Missing bolts, wear or cracks on plate		
Bowl lift cylinder bearings		Leaks, wear, cracks, damage, striations		
Auger (if equipped)		Cutting edge condition, leaks, oil level		
Ejector - all rollers		Correct operation, adjustment		
Elevator rollers (if equipped)		Oil level		
Elevator chain idler (if equipped)		Lubricate		
Steps, walkways, and handholds (scraper)		Condition, cleanliness, secure		
Lights (scraper)		Condition, cleanliness		
Radiator (scraper) (if equipped)		Fin blockage, leaks		
Fuel tank		Fuel level, damage, leaks; drain water and sediment, fuel cap		
Scraper controls (if equipped)		Correct operation, damage		
Underneath machine (scraper)		Cracks, leaks, wear, damage, loose bolts, mounting brackets		
Hydraulic oil (tractor)		Fluid level		
Quick coupler for engine oil drain (tractor)		Leaks		
Diesel exhaust fluid (DEF) tank (if equipped)		Fluid level, check for debris buildup		
Overall machine		Loose or missing nuts & bolts, loose guards, cleanliness		



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## TRACTOR ENGINE COMPARTMENT AND PLATFORMS

Hydraulic system oil	Fluid level		
Engine oil	Fluid level		
Engine air filter housing / filter	Cleanliness / indicator		
Engine coolant	Fluid level		
Window washer reservoir	Fluid level		
All hoses	Cracks, wear spots, leaks		
All belts	Tension, wear, cracks		
Battery and cables	Cleanliness, loose cable		
Deck area	Debris, damage around caps and covers		
Front of gooseneck	Pins for wear, damage; lines, tubes and hoses for leaks, damage, kinks		
Windshield wipers / washers	Wear, damage / fluid level		
Fire extinguisher	Charge, damage, date of inspection		
Windows	Cleanliness, cracks		
Mirrors	Damage, adjust		
Door	Proper function		
Overall engine compartment	Trash or dirt buildup, leaks		

## SCRAPER ENGINE COMPARTMENT

All hoses	Tension, wear, cracks		
All belts	Cracks, wear spots, leaks		
Engine oil	Fluid level, condition of oil		
Engine coolant	Fluid level		
Engine air filter housing / filter	Cleanliness / indicator		
Transmission oil	Fluid level		
Battery and cables	Cleanliness, loose cable		
Overall engine compartment	Trash or dirt buildup, leaks		

## INSIDE THE CAB

Seat	Adjustment-height/weight, able to reach pedals		
Seat belt and mounting	Damage, wear, adjustment, age of seat belt, installation date		
Horn, backup alarm, lights	Proper function		
Indicators and gauges	Proper function		
Switches and controls	Proper function		
Joystick controls	Correct operation		
Travel pedals	Correct operation		
Heating and cooling system	Proper function		
ROPS	Damage, loose mounting bolts		
Cab air filter	Dirt, dust		
Overall cab interior	Cleanliness, debris		

## NOTES:

Inspected by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_