



# Pre-Operation Safety Maintenance

Heavy Vehicle Inspection | <https://heavyvehicleinspection.com/>

Inspector		Date		Signature	
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## 1. Documentation & Records

Inspection Item	Ok	Faulty	NA
Operator's manual available and reviewed	■	■	■
Equipment inspection log up to date	■	■	■
Permits and certifications valid	■	■	■
Previous defects/repairs closed out	■	■	■

## 10. Final Checks

Inspection Item	Ok	Faulty	NA
All tools and materials secured	■	■	■
Operator trained and authorized for equipment use	■	■	■
PPE worn before operation	■	■	■
Any defects recorded and reported immediately	■	■	■

## 2. Visual Inspection

Inspection Item	Ok	Faulty	NA
Walk-around inspection completed	■	■	■
No fluid leaks (oil, coolant, hydraulic, fuel)	■	■	■
No visible cracks, dents, or structural damage	■	■	■
All guards, shields, and covers in place	■	■	■
Tires/tracks free from damage and properly inflated/tensioned	■	■	■

## 3. Fluid Levels & Lubrication

Inspection Item	Ok	Faulty	NA
Engine oil checked	■	■	■
Coolant level adequate	■	■	■
Hydraulic fluid level correct	■	■	■
Fuel tank filled or sufficient for shift	■	■	■
Transmission/differential fluid level correct	■	■	■
Lubrication applied at critical points	■	■	■

## 4. Controls & Safety Devices

Inspection Item	Ok	Faulty	NA
Brakes functional (service & parking)	■	■	■
Horn operational	■	■	■

Inspection Item	Ok	Faulty	NA
Emergency stop button/switch working	■	■	■
Gauges and indicators (oil pressure, temperature, fuel, etc.) working	■	■	■
Warning lights functional	■	■	■
Load limiters/alarms tested	■	■	■
Seat belt in good condition	■	■	■

### 5. Electrical & Lighting

Inspection Item	Ok	Faulty	NA
Battery secure, terminals clean	■	■	■
Headlights, work lights, brake lights, and indicators working	■	■	■
Backup alarm operational	■	■	■
Beacon/strobe light functional	■	■	■

### 6. Hydraulic & Mechanical Systems

Inspection Item	Ok	Faulty	NA
Hydraulic hoses, fittings, and cylinders free from leaks or damage	■	■	■
Steering and controls responsive	■	■	■
Boom/arm/lift mechanism functional without jerks	■	■	■
Attachments (bucket, forks, hook, etc.) securely locked in place	■	■	■

### 7. Operator's Cab

Inspection Item	Ok	Faulty	NA
Cab clean and free of obstructions	■	■	■
Windows/mirrors clean and undamaged	■	■	■
Fire extinguisher present and charged	■	■	■
First aid kit available (if required)	■	■	■
Communication/radio system working	■	■	■

### 8. Worksite & Environment

Inspection Item	Ok	Faulty	NA
Area around machine clear of hazards/obstructions	■	■	■
Ground conditions stable for operation	■	■	■
Overhead clearances checked (power lines, structures)	■	■	■
Safe access steps/handrails secure	■	■	■

### 9. Test Run

Inspection Item	Ok	Faulty	NA
Engine starts smoothly without abnormal noise	■	■	■
Hydraulic functions operate smoothly	■	■	■
Steering tested in both directions	■	■	■
Braking efficiency verified	■	■	■
Machine moves without vibrations or abnormal sounds	■	■	■