

Heavy Equipment Daily Pre-Shift Inspection Template

Site / Project	_____	Address	_____
Inspector name	_____	Company	_____
Date	_____	Time	_____

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Jurisdiction: US. OSHA 29 CFR 1926.601 and 1926.602 are US construction standards. Adaptable to other jurisdictions with equivalent heavy equipment regulations.

Inspection checklist

Inspection header

Equipment type (excavator / backhoe / bulldozer / wheel loader / articulated truck)

Equipment ID / serial number

Operator name

Date and shift

5-Point visual walkaround (engine off)

☐ Ground Engaging Tools (bucket teeth, cutting edges, rippers): missing bolts, excessive wear	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Undercarriage and tires: track tension, missing pads, tire pressure, deep sidewall cuts	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Hydraulic system: puddles under machine, cylinder abrasions, hose leaks or crimps	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ ROPS and safety structures: no cracks or unauthorized welds	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐ Visibility aids: windows clean, mirrors intact, backup cameras functional	☐ Pass	☐ Fail	☐ N/A	Notes: _____
--	-------------------------------	-------------------------------	------------------------------	--------------

4-Point operational test (engine on)

☐ Braking and steering: service brakes, parking brake, emergency stop; steering turns fully and smoothly	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

☐ Safety alarms and horns: horn sounds, backup alarm automatic and audible over site noise	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

☐ Operating controls: boom up/down, bucket curl, blade angle – responsive, not sluggish or jerky	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

☐ Seat belts: latches securely and retracts properly	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

Equipment-specific focus

☐ Excavators / backhoes: boom cylinders, bucket teeth, swing gear lubrication	☐ Pass	☐ Fail	☐ N/A	Notes: _____
--	-------------------------------	-------------------------------	------------------------------	--------------

☐ Bulldozers / graders: blade condition, track tension, ripper shanks	☐ Pass	☐ Fail	☐ N/A	Notes: _____
--	-------------------------------	-------------------------------	------------------------------	--------------

☐ Wheel loaders: tire pressure/condition, articulation joint play	☐ Pass	☐ Fail	☐ N/A	Notes: _____
--	-------------------------------	-------------------------------	------------------------------	--------------

☐ Articulated trucks: dump bed hydraulics, tailgate function, air brakes	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

Defective machinery handling

☐ Engine turned off, key removed	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

☐ 'Do Not Operate' tag attached	☐ Pass	☐ Fail	☐ N/A	Notes: _____
--	-------------------------------	-------------------------------	------------------------------	--------------

☐ Site superintendent / lead mechanic notified	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

☐ Operator signature	☐ Pass	☐ Fail	☐ N/A	Notes: _____
---	-------------------------------	-------------------------------	------------------------------	--------------

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature _____

Name _____

Date _____

References consulted

OSHA 29 CFR 1926.601 – Motor vehicles

OSHA 29 CFR 1926.602 – Material handling equipment

OSHA 1926.601(b)(14) – Daily inspection requirement

Verify the current edition and local adoption before use.