Construction Heavy Equipment Pre-Operation Checklist (US)

Safety & Compliance | US

DATE	OPERATOR	MACHINE TYPE	MACHINE ID / ASSET NO.	HOURS METER	PROJECT / JOBSITE
____ / ____ / _____					

ENGINE & FLUIDS

	OK	LOW	N/A
Engine oil level	○	○	○
Coolant level	○	○	○
Hydraulic fluid level	○	○	○
Fuel level adequate	○	○	○

	OK	LOW	N/A
Belts and hoses condition	○	○	○
Air filter condition	○	○	○
No visible leaks (oil, coolant, fuel)	○	○	○
Battery and terminals	○	○	○

HYDRAULIC SYSTEM

	OK	NOT OK	N/A
Hoses — no cracks or leaks	○	○	○
Cylinder rods — no scoring	○	○	○
Quick-connect couplers tight	○	○	○

	OK	NOT OK	N/A
Boom, stick, bucket pins	○	○	○
Attachment mounting secure	○	○	○
Controls respond correctly	○	○	○

TIRES & UNDERCARRIAGE

	OK	NOT OK	N/A
Track tension / tire pressure	○	○	○
Track pads / tire tread	○	○	○
Idlers, rollers, sprockets	○	○	○

	OK	NOT OK	N/A
Final drive — no leaks	○	○	○
Lug nuts / track bolts torqued	○	○	○
Guards and covers in place	○	○	○

CAB & CONTROLS

	OK	NOT OK	N/A
Seat belt functional *OSHA 29 CFR 1926.602*	○	○	○
Mirrors and cameras clean	○	○	○
Windshield and wipers	○	○	○
Horn working	○	○	○

	OK	NOT OK	N/A
Gauges and warning lights	○	○	○
Headlights, work lights, turn signals	○	○	○
Backup alarm / beacon *OSHA 29 CFR 1926.601(b)(4)*	○	○	○
HVAC system	○	○	○

SAFETY & PROTECTIVE SYSTEMS

	OK	NOT OK	N/A
ROPS / FOPS structure intact *OSHA 29 CFR 1926.1000–1003*	○	○	○
Fire extinguisher charged	○	○	○
Emergency stop working	○	○	○

	OK	NOT OK	N/A
Handrails, steps, anti-slip	○	○	○
Safety decals legible	○	○	○
Ground conditions safe	○	○	○

DEFECTS & SIGN-OFF

Defect severity ☐ None ☐ Minor — can operate ☐ Major — do not operate

Defect details

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Reported to _____

Operator signature _____

Supervisor sign-off _____

Notes

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