SITE survey. APP

SITE SURVEY REPORT

Heavy Equipment Inspection Checklist

Prepared for	Tamarack Ridge Homes (fictional developer)
Date	13 Oct 2026
Site	Sagebrush Crossing Phase 2, Kuna
Prepared by	S. Brannigan

FORM

Heavy Equipment Inspection Checklist

1. Inspection details

Project	Sagebrush Crossing Phase 2, Kuna: site work, heavy equipment daily check (completed example)
Site address	Sagebrush Crossing Phase 2, 4100 W Canyon Lark Way, Kuna, ID 83634
Client or general contractor	Tamarack Ridge Homes (fictional developer)
Location (GPS)	43.4917, -116.4285
Inspection date	13 Oct 2026
Inspected by	S. Brannigan
Rules that apply	US: OSHA 29 CFR 1926 Subparts O and W
Reason for the check	Daily, start of shift

A daily pre-use record for a mixed fleet of earthmoving machines. Check each machine the way its operator manual describes: levels, pressures, intervals and limits come from the manual, not from this form. It is not a periodic or annual inspection by a mechanic, or a thorough examination of lifting equipment.

US (OSHA). Employers provide for frequent and regular inspections of equipment by competent persons (29 CFR 1926.20(b)(2)). Motor vehicles on an off-highway jobsite are checked at the beginning of each shift: brakes, tires, horn, steering, coupling devices, seat belts, operating controls and safety devices, and defects are corrected before the vehicle is placed in service (1926.601(b)(14)). Earthmoving equipment covered by 1926.602 (loaders, dozers, off-highway trucks, graders and similar) is outside 1926.601: use the manufacturer's daily checks.

2. Machines

Work areas 1: Lot 4 pad, mass excavation

Work area or parking area	Lot 4 pad, mass excavation

Machines checked here 1: EX-EXAMPLE-07

Fleet or unit number	EX-EXAMPLE-07
Machine type	Excavator
Make	Example Machine Co
Model	EX-210 crawler excavator
Serial number or PIN	EXAMPLE-PIN-0707

Owner or rental company	Basin Line Sitework (owned)
Attachment fitted	36 in digging bucket on a hydraulic quick coupler
Hour meter reading	4812.6
Next service due at (hours)	5000
Hours to the next service	187.4
Operator	L. Arriaga
Operator trained and authorised for this machine?	Yes
Fluid levels: engine oil, coolant, hydraulic oil, fuel	Acceptable
No leaks under or on the machine	Action needed
What needs doing, or why not checked	Weep at the dipper cylinder hose fitting, no drips on the ground. Wiped clean and marked for the mechanic.
Tyres, rims and wheel nuts, or tracks, rollers and sprockets	Acceptable
Lights, beacon and reflectors	Acceptable
Mirrors and cameras	Acceptable
Guards, engine covers and panels closed and secured	Acceptable
Steps, handrails and grab handles	Acceptable
ROPS, FOPS or cab structure	Acceptable
Windows, windshield and wipers	Acceptable
Fire extinguisher, where fitted	Acceptable
Decals, load chart and operator manual in the cab	Acceptable
Boom, arm (dipper) and bucket: pins, bushes, retainers and welds	Acceptable
Quick coupler locked	Acceptable
Bucket teeth and cutting edge	Acceptable
Slew ring, turntable and slew lock	Acceptable
If used for lifting: lifting point and rated capacity chart in the cab	Not applicable
Seat and seat belt	Pass

Control lockout or isolation lever	Pass
Gauges and warning lights after start-up	Pass
Horn	Pass
Reverse alarm	Pass
Service brake and parking brake	Pass
Steering	Pass
Hydraulic and attachment functions through full travel, no load	Pass
Photos of the machine and any defect	
Items needing action on this machine	1
Result for this machine	In service with a restriction
Restriction	Weep at the dipper hose fitting: mechanic to tighten or replace it by noon; stop and report if it starts to drip.

Machines checked here 2: AH-EXAMPLE-12

Fleet or unit number	AH-EXAMPLE-12
Machine type	Dump truck or articulated hauler
Make	Example Machine Co
Model	AH-30 articulated hauler
Serial number or PIN	EXAMPLE-PIN-1212
Owner or rental company	Snake River Equipment Rental (fictional)
Attachment fitted	None
Hour meter reading	9118
Next service due at (hours)	9250

Hours to the next service	132
Operator	M. Delgado
Operator trained and authorised for this machine?	Yes
Fluid levels: engine oil, coolant, hydraulic oil, fuel	Acceptable
No leaks under or on the machine	Acceptable
Tyres, rims and wheel nuts, or tracks, rollers and sprockets	Acceptable
Lights, beacon and reflectors	Acceptable
Mirrors and cameras	Acceptable
Guards, engine covers and panels closed and secured	Acceptable
Steps, handrails and grab handles	Acceptable
ROPS, FOPS or cab structure	Acceptable
Windows, windshield and wipers	Acceptable
Fire extinguisher, where fitted	Acceptable
Decals, load chart and operator manual in the cab	Acceptable
Body, hinge pins and hoist cylinders	Acceptable
Body prop or support present and locks in position	Acceptable
Hoist control latch against accidental tipping	Acceptable
Tailgate, latches and trip handle	Not applicable
Cab guard or canopy over the cab	Acceptable
Articulation and oscillation joint; steering lock stowed (articulated haulers)	Acceptable
Seat and seat belt	Pass
Control lockout or isolation lever	Pass
Gauges and warning lights after start-up	Pass
Horn	Pass
Reverse alarm	Fail

What needs doing, or why not checked	No reverse alarm in reverse, tested twice with the engine running. Camera works, but the view to the rear is blocked by the body.
Service brake and parking brake	Pass
Steering	Pass
Hydraulic and attachment functions through full travel, no load	Pass

> Reverse alarm not working. Earthmoving or compacting equipment with an obstructed view to the rear is not used in reverse unless the reverse alarm works or someone signals that it is safe (29 CFR 1926.602(a)(9)(ii); motor vehicles 1926.601(b)(4)).

Photos of the machine and any defect



Items needing action on this machine	1
Result for this machine	Tagged out of service
How it was taken out of service, and who was told	Danger, do not operate tag on the steering wheel, key removed and held by the superintendent. Rental company called at 06:50 for a mechanic.
Tag number	DNO-EXAMPLE-112
Area result	Machine tagged out

Work areas 2: Laydown yard, aggregate stockpiles

Work area or parking area	Laydown yard, aggregate stockpiles

Machines checked here 1: WL-EXAMPLE-03

Fleet or unit number	WL-EXAMPLE-03
Machine type	Wheel loader
Make	Example Machine Co

Model	WL-120 wheel loader
Serial number or PIN	EXAMPLE-PIN-0303
Owner or rental company	Basin Line Sitework (owned)
Attachment fitted	3 yd general purpose bucket
Hour meter reading	7240.3
Next service due at (hours)	7250
Hours to the next service	9.7
Operator	T. Haskins
Operator trained and authorised for this machine?	Yes
Fluid levels: engine oil, coolant, hydraulic oil, fuel	Acceptable
No leaks under or on the machine	Acceptable
Tyres, rims and wheel nuts, or tracks, rollers and sprockets	Acceptable
Lights, beacon and reflectors	Acceptable
Mirrors and cameras	Acceptable
Guards, engine covers and panels closed and secured	Acceptable
Steps, handrails and grab handles	Acceptable
ROPS, FOPS or cab structure	Acceptable
Windows, windshield and wipers	Acceptable
Fire extinguisher, where fitted	Acceptable
Decals, load chart and operator manual in the cab	Acceptable
Bucket or forks, cutting edge and teeth	Acceptable
Quick coupler locked	Acceptable
Lift arms, linkage, pins and cylinders	Acceptable
Articulation joint; steering frame lock stowed for work	Acceptable
Scissor points between the loader arms and frame guarded	Acceptable
Seat and seat belt	Pass

Control lockout or isolation lever	Pass
Gauges and warning lights after start-up	Pass
Horn	Pass
Reverse alarm	Pass
Service brake and parking brake	Pass
Steering	Pass
Hydraulic and attachment functions through full travel, no load	Pass
Items needing action on this machine	0
Result for this machine	In service
Area result	No problems found
Machines checked	3
Items needing action	2
Machines tagged out	1
Items not checked	0

3. Site checks

Haul roads, ramps and grades fit for the machines using them	Acceptable
People kept apart from moving machines	Acceptable
Overhead lines and buried services marked	Acceptable
Refuelling and parking area	Acceptable

Photos of the site



Site checks needing action	0
Not checked	0

4. Actions and sign-off

Items needing action	2
Result	Action needed before the machines are used
Machines tagged out	1

Actions 1: Repair the reverse alarm on AH-EXAMPLE-12 and test it before the hauler goes back into service.

Action	Repair the reverse alarm on AH-EXAMPLE-12 and test it before the hauler goes back into service.
Priority	Urgent: tagged out
Who will do it	Snake River Equipment Rental mechanic
Due by	13 Oct 2026
Status	Open

Actions 2: Tighten or replace the dipper hose fitting on EX-EXAMPLE-07 and check for leaks under pressure.

Action	Tighten or replace the dipper hose fitting on EX-EXAMPLE-07 and check for leaks under pressure.
Priority	Before next use

Who will do it	K. Voss (shop mechanic)
Due by	13 Oct 2026
Status	Done, checked

Actions 3: Book the 7,250 hour service on WL-EXAMPLE-03; it has under 10 hours to go.

Action	Book the 7,250 hour service on WL-EXAMPLE-03; it has under 10 hours to go.
Priority	At the next service
Who will do it	K. Voss (shop mechanic)
Due by	15 Oct 2026
Status	Open
Actions still open	2
Decision	In service except the machines tagged out
Date of the repeat check	14 Oct 2026
Summary	Three machines checked at the start of the shift. AH-EXAMPLE-12 reverse alarm not working: tagged out and the rental company called; the excavator is stockpiling on the pad until the hauler is back. EX-EXAMPLE-07 hose fitting weep repaired by the shop mechanic at 10:40. WL-EXAMPLE-03 in service; service due this week.
Supervisor or competent person name	S. Brannigan
Supervisor or competent person signature	
Mechanic or fleet manager name	K. Voss
Mechanic or fleet manager signature	