

EWP Pre-Start Checklist

A practical pre-operational check to run before every shift — for operators and supervisors.

Complete this check before the machine is used each shift, in line with the manufacturer's operator manual and the AS 2550.10 safe-use framework. Record any defect and take the machine out of service until it is rectified. Tick each item as it is confirmed.

Date: _____ Machine / Unit: _____ Operator: _____

Site / Location: _____ Hour meter: _____

VISUAL & STRUCTURAL

- ☐ Boom, chassis, platform and guardrails free of cracks, dents, deformation or unrecorded weld repairs.
- ☐ Pins, bushes and pivot points show no obvious wear or excessive play.
- ☐ No corrosion affecting structural or load-bearing areas.
- ☐ Platform floor, gate and anchor points sound and secure.

DECALS, MANUALS & DOCUMENTATION

- ☐ Rated capacity, warning and instruction decals present and legible.
- ☐ Operator manual available on or with the machine.
- ☐ Logbook present and last entries reviewed.

CONTROLS & FUNCTION TEST

- ☐ Ground controls operate all functions correctly.
- ☐ Platform controls operate all functions correctly.
- ☐ Ground controls override platform controls as intended.
- ☐ Drive, steer, lift, lower, slew and extend functions smooth and responsive.

SAFETY DEVICES

- ☐ Emergency stop functions at both ground and platform.
- ☐ Emergency / manual descent operates correctly.
- ☐ Tilt alarm and level-sensing devices function.
- ☐ Interlocks and overload / envelope limiting devices function.
- ☐ Alarms, beacons and horn operate.

HYDRAULICS & FLUIDS

- ☐ No hydraulic, fuel or coolant leaks visible.
- ☐ Hoses and fittings free of chafing, bulging or perishing.
- ☐ Cylinders hold position without drift.
- ☐ Fluid levels and battery / fuel adequate for the task.

TYRES, TRACKS & OUTRIGGERS

- ☐ Tyres / tracks in serviceable condition and correctly inflated / tensioned.
- ☐ Wheel nuts secure where accessible.
- ☐ Outriggers / stabilisers deploy, seat and retract correctly.

WORK AREA ASSESSMENT

- ☐ Ground assessed for bearing capacity, surface condition and voids.
- ☐ Slope / gradient within the machine's rated limits for the task.
- ☐ Overhead hazards identified — structures, services and obstructions.
- ☐ Powerline proximity assessed — maintain the exclusion zones required in your state.
- ☐ Pedestrian, traffic and exclusion-zone controls in place.
- ☐ Weather conditions, including wind speed, within safe operating limits.

SIGN OFF

- ☐ All items above confirmed, or defects recorded and machine withdrawn from service.
- ☐ Logbook entry completed for this pre-start check.

Operator signature: _____ **Time:** _____

