

Mobile Plant Pre-start Checklist



This checklist provides a list of items operators must inspect and items they should also be aware of during a pre-start check each day. Operators should record that they've completed the check and any issues found. The site where the machine is to operate also plays a major role in safety and risk management. Both the machine, the operator and anyone around them could be placed in harm if the site has not been correctly assessed.

☑ In cab check

- Is your seat functioning & adjusted correctly?
- Turn the key to the on (or test if applicable) position
- Are all lights, interlocks, warning devices and /or audible indicators or alarms functioning?
- Does the horn work?
- Are all gauges working (including fuel, oil, temperature, hour metre)?
- Are back-up/ tramming alarms and rear camera (if fitted) working?
- Are all windows clean & unbroken with wipers functioning?
- Are all mirrors clean, unbroken and adjusted correctly?
- Are any loose items in cab appropriately restrained?
- Do you have any required paperwork/documentation?
- Check all lights including rotating/tramming lights are functioning
- Check fire extinguisher/suppression gauge(s) for serviceability and in date.
- Is Operator's Manual present?
- Is seat belt functioning and in date?

☑ Machine walk around - Things to check

Take a careful walk around the machine, look for anything out of the ordinary especially the following:

- Look underneath machine for water or oil leaks
- Track condition and tension or tyre condition and pressure
- All safety access points (steps, handholds and ROPS)
- All fluid levels (hydraulic, slew motor, transfer case, transmissions, engine and coolant)
- Engine belts and hoses condition and security
- Cooling system is clean and unobstructed
- Hydraulic hoses, fittings and cylinders for leaks, condition, security and damage.
- Electrical cables & harnesses for condition and security
- Air cleaner check indicator and pre-cleaner
- Grease points are adequately greased with minimal wear
- Look for debris in and around engine, pump area, transmission, slew motor, control valves and belly guards
- Quick-hitch and safety locking devices
- Visible damage including loose or broken parts
- Ground engaging tools (eg teeth/ cutting edges/ boots etc)
- Check batteries are secure and clean
- Check lights
 - Are they all functional, secure and undamaged?

☑ Work Site Check

- Safe access to work area
- Overhead risks such as power-lines and trees
- Recently filled trenches, uneven ground, slopes
- Surrounding buildings
- Bridges, causeways, dams or tidal activities
- Dangerous materials eg fuel tanks
- Test UHF channel for worksite communications
- Identify fire fighting equipment
- Underground services such as gas, sewer, fibreoptic



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Pre-start Log



I hereby declare that I completed the machine pre-start checklist and checked the safety of the work site around it and found no issues other than those recorded below:

| Name | Date | Location/Rego | OK (tick) | Issue (tick) | Signature |
|------|------|---------------|-----------|--------------|-----------|
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Issue



If you find any issues during the inspection, you need to record them in the fault log below and report them to the appropriate person depending on the severity of the issue:

For non-critical faults:

| Maintenance Contact | Phone Number |
|---------------------|--------------|
| | |

For critical/roadworthiness faults:

| Manager | Phone Number |
|---------|--------------|
| | |

| Date | Issue | Non-critical | Critical / Roadworthiness | Resolution Date |
|------|-------|--------------|---------------------------|-----------------|
| | | | | |
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*This Form is a **guide only** and does not contain a definitive list of legal or regulatory requirements. To meet your legal obligations, you are required to seek independent advice to assess your circumstances.*



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