

Pre-operation Inspection



Do Not Operate Unless:

- ☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items and locations for modifications, damage or loose or missing parts.

A damaged or modified machine must never be used. If damage or any variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

PRE-OPERATION INSPECTION

Pre-operation Inspection

- ☐ Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located on the platform.
- ☐ Be sure that all decals are legible and in place. See Decals section.
- ☐ Check for engine oil leaks and proper fluid level. Add oil if needed. See Maintenance section.
- ☐ Check for engine coolant leaks and proper fluid level. Add coolant if needed. See Maintenance section.
- ☐ Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.
- ☐ Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.
- ☐ Check for proper tire pressure. Add air if needed. See Maintenance section.

Check the following components or areas for damage, modifications and improperly installed or missing parts:

- ☐ Electrical components, wiring and electrical cables
- ☐ Hydraulic power unit, reservoir, hoses, fittings, cylinders and manifolds
- ☐ Generator, belts and related components
- ☐ Fuel and hydraulic tanks
- ☐ Drive and turntable motors and torque hubs
- ☐ Boom wear pads
- ☐ Tires and wheels
- ☐ Engine and related components
- ☐ Limit switches, alarms and horn
- ☐ Nuts, bolts and other fasteners

- ☐ Platform entry mid-rail/gate
- ☐ Beacon and alarms (if equipped)

Check entire machine for:

- ☐ Cracks in welds or structural components
- ☐ Dents or damage to machine
- ☐ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- ☐ After you complete your inspection, be sure that all compartment covers are in place and latched.