

DRILLING EQUIPMENT INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Structural & Frame Components

- Yes No — Mast, frame, and sub-structure are free from cracks or deformation
- Yes No — Bolts, pins, and fasteners are tight and properly secured
- Yes No — Guards and covers are in place and undamaged

Rotary & Drilling Systems

- Yes No — Rotary table and top drive operate without abnormal noises or vibration
- Yes No — Drill string connections are clean and properly torqued
- Yes No — Mud motors and downhole tools show no visible damage
- Yes No — Thread protectors are used and fit correctly

Hydraulic & Pneumatic Systems

- Yes No — Hoses, manifolds, and fittings are leak-free and properly routed
- Yes No — Accumulators and cylinders function within specification
- Yes No — Pressure gauges provide accurate readings
- Yes No — Filters and reservoirs maintained per schedule

Mud Circulation System

- Yes No — Mud pumps operate smoothly and show no leaks
- Yes No — Shakers, screens, and desanders are clean and functional
- Yes No — Mud tanks and piping free from corrosion or contamination
- Yes No — Flow line safety devices installed and tested

Power & Drive Systems

- Yes No — Engines start and run without abnormal vibration or smoke
- Yes No — Belts, pulleys, and couplings are aligned and intact
- Yes No — Fuel, oil, and coolant levels are adequate
- Yes No — Electrical systems and controls operate correctly

Safety & Emergency Systems

- Yes No — Emergency shut-down devices tested and functional
- Yes No — Fire suppression equipment is present and certified
- Yes No — Hearing protection zones and signage in place
- Yes No — Lighting sufficient for operating conditions

Environmental & Compliance

- Yes No — Spill containment measures installed and effective
- Yes No — Waste fluids managed according to regulations
- Yes No — Documentation and permits up to date
- Yes No — Operator qualifications and training verified

Operational Performance

- Yes No — Drilling operations performed without excessive vibration
- Yes No — No abnormal downhole torque or binding
- Yes No — Drilling rate consistent with expected parameters
- Yes No — Equipment meets site safety and productivity standards

FINAL NOTES

Inspector Comments:

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

I confirm this inspection was completed accurately

Powered by:  FIELD EAGLE www.fieldeagle.com