



Checksheets

Drilling Rig Inspection - Derrick Structure, Drawworks, and Rotary System

Doc: DR-INS-001

Rev: 1.0

Date: 22/01/2026

Project Name: Checksheets.com	Project Code: CHKSHEETS1
Equipment Tag: -----	System: -----
Discipline: Drilling	Location: -----
Contractor: -----	Date: 22/01/2026

1. Pre-Inspection Safety and Documentation

Initial safety preparations and documentation verification

#	Activity / Check Item	Response		
1	Ensure all permits and safety controls are in place including signs and barriers <i>Verify LOTO procedures and confined space permits if applicable</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
2	Confirm current equipment certifications and inspection documentation are available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
3	Verify equipment is shut down and secured for inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail

2. Derrick Structure Inspection

Structural integrity and safety systems inspection of the drilling derrick

#	Activity / Check Item	Response		
4	Inspect derrick legs for cracks, deformation, or corrosion <i>Pay special attention to weld joints and high stress areas</i> Ref. API RP 4G	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
5	Check all structural bolting for proper torque and security <i>Verify no loose or missing bolts</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
6	Inspect crown block assembly and sheaves for wear and alignment <i>Check sheave groove wear and bearing condition</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
7	Verify derrick foundation and anchor bolts are secure and undamaged	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
8	Check safety climbing systems and escape devices are operational <i>Include ladder integrity and derrickman escape device</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
9	Inspect platforms, handrails, and toe boards for damage or deterioration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
10	Verify all safety gates function properly and latch securely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail
11	Check drilling line condition and proper reeving <i>Inspect for broken wires, kinks, and proper lubrication</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Pass	N/A	Fail

3. Drawworks Inspection

Mechanical and operational inspection of drawworks system

#	Activity / Check Item	Response		
12	Inspect drawworks drum for cracks, wear, and grooving <i>Check flanges and drum surface condition</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
13	Check brake system components including bands, shoes, and actuators <i>Verify brake lining thickness and hydraulic system pressure</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
14	Inspect transmission and gearbox for leaks and proper oil levels	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
15	Check clutch operation and adjustment <i>Verify smooth engagement and disengagement</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
16	Verify all guards and safety covers are in place and secure	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
17	Check driller's console controls and emergency stops	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
18	Inspect foundation bolts and mounting alignment	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail

4. Rotary System Inspection

Inspection of rotary table, kelly drive, and associated components

#	Activity / Check Item	Response		
19	Inspect rotary table for wear, cracks, and proper lubrication <i>Check bushing wear and pin condition</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
20	Check kelly drive system alignment and wear <i>Inspect kelly joints and drive bushings</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
21	Verify top drive system (if applicable) is properly secured and aligned <i>Check guide rails and power tong operation</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
22	Inspect swivel assembly for leaks and bearing condition <i>Check gooseneck and washpipe connections</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
23	Check rotary hose and connections for wear and security <i>Verify proper support and no kinks or damage</i>	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
24	Verify master bushings are correct size and in good condition	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail

5. General Systems and Documentation

Final checks and documentation completion

#	Activity / Check Item	Response		
25	Confirm all equipment nameplates and tags are legible and secure	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
26	Verify all safety signage is in place and in specified languages	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
27	Check grounding and electrical connections are secure	<input type="checkbox"/> Pass	<input type="checkbox"/> N/A	<input type="checkbox"/> Fail
28	Document any deficiencies requiring immediate attention <i>List critical items that must be addressed before operation</i>			
29	Overall assessment of equipment readiness for operation			

Prepared By:

Reviewed By:

Approved By:

Date: _____ Sign: _____

Date: _____ Sign: _____

Date: _____ Sign: _____