OpsAuditHub opsauditihub.com	DOC ID: **SAF-0291**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.1200, API Spec Q2, and ISO 45001**	AUDIT FREQUENCY: **Daily Pre-Shift**

Drilling Rig Daily Safety Inspection Sop Template

Operational Scope: This Standard Operating Procedure establishes mandatory daily inspection protocols for onshore drilling rigs to mitigate catastrophic well control and mechanical failure hazards. It ensures total compliance with energy isolation, dropped object prevention, and life-safety regulatory frameworks.

MANDATORY PPE:	Hard Hat (ANSI Z89.1), Steel-Toe Safety Boots (ASTM F2413), Flame-Resistant Clothing (FRC per NFPA 2112), Safety Glasses with Side Shields (ANSI Z87.1), Impact-Resistant Gloves, H2S Personal Gas Monitor
PREREQUISITES:	Verify valid 0-PPM H2S calibration and operational status of personal gas monitor. | Review previous shift's logbook and confirm all deferred maintenance or red-tag items are cleared. | Conduct a pre-tour safety meeting (Toolbox Talk) with all drilling crew members.

WELL CONTROL & HOISTING EQUIPMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Crown Block and Fast Line**	Inspect sheaves, bearings, and wire rope for signs of excessive wear, unspooling, bird-caging, or lubrication starvation. Ensure safety guards are secured.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Traveling Block and Hook**	Check automatic safety latch on the hook, verify secure cotter pins, and inspect side plates for cracks or structural deformation.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Drawworks Brakes and Clutches**	Test primary mechanical and auxiliary braking systems. Ensure brake bands show no excessive lining wear and emergency backups engage immediately.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
4	**BOP Control Unit (Accumulator)**	Verify accumulator pressure reads between 1500-3000 PSI and manifold pressure meets well design specs. Check fluid levels and confirm remote panel connectivity.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

MUD SYSTEM & CIRCULATION EQUIPMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Mud Pumps and Relief Valves**	Inspect mud pump fluid ends, pulsation dampeners, and shear pin/relief valves. Confirm discharge lines are properly anchored and restrained.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**Shale Shakers and Degasser**	Check motor vibration dampeners, screen integrity, and electrical ground connections. Ensure exhaust venting for degasser is directed away from ignition sources.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
7	**Active Mud Pits and Agitators**	Verify pit volume totalizers (PVT) are functioning correctly and high/low level alarms are operational. Check agitator gearboxes for oil leaks.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

RIG FLOOR SAFETY & EMERGENCY SYSTEMS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
8	**Emergency Escape Chute / Derrick Escape**	Inspect escape line (Geronimo line) for tension, clear path, and unhindered trolley brake operation from the monkey board to the safe assembly point.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
9	**Fire Suppression Systems**	Verify dry chemical fire extinguishers and fire water monitors on the rig floor are fully pressurized, inspected, and unobstructed.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
10	**Emergency Shutdown (ESD) Stations**	Test functionality of strategic rig floor and doghouse ESD buttons to confirm they successfully shut down engines and close fuel valves.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

Certified Inspector / Lead Operator Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Site Safety Supervisor / Operations Manager Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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