Mud Cleaner — Inspection Card

The mud cleaner is the barite guardian on weighted mud: desilter cones (~15–40 µm cut) discharging onto a fine screen that returns barite (passes ~74 µm) and fluid to the active system. Print and complete every tour.

Rig / unit: _____	Date: _____	Shift: ■ Day ■ Night	Inspector: _____

Cones (top section)

✓	Check item	Notes / reading
■	Feed head at design — verified by gauge (≥ 75 ft; h ≈ 19.2 × P ÷ MW)	
■	Every apex: umbrella spray with air core — no roping, no dry cones	
■	No plugged cones (feel for dead cones); apexes correct size and not worn	
■	Manifold pressure steady — no surging from pump or suction problems	

Screen (bottom section) — the part that protects barite

✓	Check item	Notes / reading
■	Fine screen fitted and API number recorded — correct per program for weighted mud	
■	No tears, holes or blinding — a damaged screen here dumps barite to waste	
■	Screen wet across the deck; underflow (returns) flowing back to active	
■	Discard over the end: coarse solids only — not a barite-grey stream	
■	Tension and seals checked; no fluid tracking at panel edges	

The one test that settles arguments

If the discard looks heavy: catch a sample and check density. Discard density close to mud weight = you are throwing barite away — stop and find out why (screen too coarse, torn panel, or cones roping).

Full guide: scdrilltech.com/equipment/mud-cleaner.html · comparison: /articles/mud-cleaner-vs-desilter.html