Shale Shaker & Screen — Inspection Card

The shaker is the first machine and the cheapest place to win. Print, post at the shaker house, complete every tour.

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

Screens

✓	Check item	Notes / reading
■	API number of every panel recorded (RP 13C label) — not “mesh”	
■	No tears, holes or delamination — a 5 mm hole bypasses more than the screen removes	
■	No blinding / near-size plugging; wash or change if cut deteriorates	
■	Panels seated and tensioned to spec; no fluid tracking at edges	
■	Deck rubbers / seals intact — no bypass channels	

Machine & process

✓	Check item	Notes / reading
■	Fluid endpoint at ~75–80% of deck length (adjust screens or deck angle)	
■	No flooding / overflow at the possum belly or last panel	
■	Deck angle recorded; motion normal (no cracked deck, loose motor bolts)	
■	Vibrator motors: both running, correct rotation, no abnormal noise/heat	
■	Discharge: cuttings conveying steadily off the end — not piling or flowing back	
■	Bypass gate CLOSED and sealed — confirm visually every tour	

If the cut looks wrong

Check in this order: torn panel → blinding → tension → fluid coverage → deck angle → G-force ($G \approx \text{stroke} \times \text{RPM}^2 \div 70{,}400$; typical linear machines 6.5–7.5 G). Full troubleshooting: scdrilltech.com/troubleshooting/