



Screw Conveyor (Auger) — Inspection Card

The auger is the workhorse of the waste circuit — and one of the highest-risk machines on the pad. Safety items are non-negotiable: an auger is never opened, cleared or worked on while it can move.

Rig / unit: _____	Date: _____	Shift: <input type="checkbox"/> Day <input type="checkbox"/> Night	Inspector: _____
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Safety — before anything else

✓	Check item	Notes / reading
<input type="checkbox"/>	ALL guards and covers in place and secured — no exceptions, no “just for a minute”	
<input type="checkbox"/>	Isolation (lock-out / tag-out) applied and verified BEFORE opening, unblocking or reaching in	
<input type="checkbox"/>	E-stops accessible along the run and function-tested	
<input type="checkbox"/>	No tools, cables or clothing anywhere near an open trough	

Mechanical condition

✓	Check item	Notes / reading
<input type="checkbox"/>	Flighting: wear, thinning or damage — especially at load points and hanger bearings	
<input type="checkbox"/>	Hanger bearings: condition, lubrication, no squeal or heat	
<input type="checkbox"/>	Drive: motor amps at normal load recorded; gearbox oil level; coupling/guard intact	
<input type="checkbox"/>	Trough and covers: no holes, leaks or spillage trails	
<input type="checkbox"/>	Transfer points: chutes clear, no bridging or build-up	

While running

✓	Check item	Notes / reading
<input type="checkbox"/>	Steady, even discharge — no surging (surging = upstream blockage building)	
<input type="checkbox"/>	Amps steady at baseline — a rising trend means overload or a foreign object	
<input type="checkbox"/>	No abnormal knocking or rubbing along the run	
<input type="checkbox"/>	Housekeeping: walkways clear, spillage cleaned — spills become findings	