

Action Plan – Pangea – New Mexico

Last update January 15th 2026

SAT #	Issue and description	Status	Action to close + Date	Comment
BOD 2 Printer				
1.	Torque verifications Overall torque verification on main components is needed.	Closed	Fixed on site.	
2.	Z cam followers were loose.	Closed	Fixed on site	
3.	Z probe sensors	Ongoing	Review functionality.	
4.	Local team training L2	Ongoing	Finalize with Joseph as the remaining PO.	
5.	Grease bearings	Ongoing	Grease once you are closer to assembly.	
6.	Frayed camera ethernet cable evaluated (Z4)	Ongoing	Not operationally critical, this is only relevant if you plan to install surveillance kit.	In case this is
7.	Broken Harting Plugs in functional printer assembly	Closed	3, Z Harting clogs were replaced	If you ever expand the printer those

			from the extra modules.	Z legs will need replacements.
8.	Y Power Supplies Upgrade	Ongoing	Sent to customer, left outside, they are now dry. Install in visit.	
9.	U-belt plate bolts were strapped	Closed	Fixed on site.	
10.	Y tooth rack broken	Closed	Fixed on site.	
11.	Y2 carriage bearing arm bent	Closed	Fixed on site.	
12.	Tooth racks were not calibrated	Closed	Fixed on site.	
13.	2, Z legs with stripped loose bolts	Closed	Fixed on site.	
Pump				
1.	Hydraulic oil	Closed	Change oil	N/A
2.	Lower hopper gate (hatch) does not close	Closed	N/A	Welded twice and confirmed as functional by Taylor.
3.	Movement: Front wheel crocked and side wheels with low level.	Recommendation	N/A	It is not a showstopper, it can move, but customer has the
4.	Yellow control might leak water	Ongoing	It is advised to protect the case on the drilled	Put silicon around the connection point to

			areas to shield it from humidity.	better water seal the element.
5.	Pistons: Gray substance leaked into the water box.	Ongoing	While this was minimum providing 7-8 more operational days it is advised to change them once the spares arrive for continuous printing.	A guide and a live call will take place to guide on the replacement. Replacement takes half a day.
Batch Plant				
1.	Inventory: Silver bullet was missing, recommend customer to get one locally for clog management.	Ongoing	Luisa to send link so customer buys locally.	Link was sent.
2.	Gravel conveyor belt is spilling.	Ongoing	Empty the silo and push in the rubber scrapper at the bottom of the belt to align the misaligned one. .	The silos were filled, so this needs to be adjusted by the certified crew once they are empty.
3.	Additive pumps flowmeter and motor: Former additive pumps model is not optimal for operation and tends to fail, replacement	Closed	Items were confirmed as functional on site as per the last visit.	Recommend customer to always have a spare in stock.

4.	Pressure washer breaker	Closed	Pressure washer breaker was tripping, we realized no pressure was in the line because people were opening the line somewhere else.	For next time, if the crew is cleaning, all personnel needs to be informed they should not touch the waterline.
5.	Manual Control Panel Review	Closed	The key was confirmed on site. The screen was functional and tested with water with 3 consecutive days mixing.	Confirmed as functional. Luisa can make an error clearance online class in case it is needed.
6.	Load cell replacement	Closed	Repaired momentarily due to animal eating cable. A more permanent replacement should be ordered	The temporary fix is working just fine so they can go ahead and continue with this one, customer has a spare just in case.
7.	Chemical pump #2 the additive hose was clogged with aged Alpha from origin.	Closed	Replacement or recovery is needed.	It was purged and cleaned so the hose works now, customer needs to

				remember to purge the hose every day at the end of the operation.
8.	Chemical pump #2 was not functional since equipment arrival.	Closed	Full replacement, pump and brass unit.	
Silo				
1.	Silo: Performs weakly. Recommendation is not to fill the silo all the way up (3/4 filled) and moving the gate during the operation. Ideally, the customer can decide to buy and install a second one, but this would require a modification both physically and electrically with a formal approval from the owner.	Closed	Shared with team.	N/A