

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 |

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| | | | 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

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| 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 crooked 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 |

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| | | | 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. |

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| 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 |

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| | | | | 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 |