



Asphalt Plant Evaluation Checklist

Purpose: Evaluate plant readiness for **precision aramid fiber dosing** using Surface Tech solutions for:

- **ACE XP** in **Drum Plants**
 - **AQU** in **Batch Plants**
 - **Equipment:** CMDR, TITAN, DFNDR
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GENERAL INFORMATION

- **Plant Name:**
 - **Plant Type:** ☐ Drum Mix ☐ Batch Plant
 - **Location:**
 - **Primary Contact Name:**
 - **Phone & Email:**
 - **Operating Hours & Production Schedule:**
 - **Plant Capacity (TPH):**
 - **Types of Mixes Produced:**
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SYSTEM COMPATIBILITY

DRUM PLANTS – ACE XP (CMDR, TITAN, or Line Vac)

- RAP Collar or Fiber Introduction Point Identified
- Power Supply Available (CMDR/TITAN/DFNDR require 110V/220V)
- Mounting Location for Equipment:
 - ☐ CMDR
 - ☐ TITAN
 - ☐ DFNDR
- Secure Platform or Mounting Area Available
- Unobstructed Fiber Injection Path
- Scale or Flow Monitoring Access for Calibration
- Control Room Integration Option (for job tracking)

BATCH PLANTS – AQU (CMDR or Hand Dosing for Pilot Jobs)

- Fiber Introduction Point Accessible to Paddle Mixer
- Pre-dry Mix Addition Feasible Before Binder
- Batch Mixing Time Adjustable for Fiber Dispersion
- CMDR Staging Area Available

- Manual Dosing (Pilot Only): Operator Identified & Trained
 - PLC Interface or Manual Entry Compatibility
 - Calibration Process Available
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PRODUCTION MONITORING

- Required Equipment Selected:
 - ☐ CMDR
 - ☐ TITAN
 - ☐ DFNDR
 - Internet Access for Remote Monitoring ☐ Yes ☐ No
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MATERIAL STORAGE & HANDLING

- Covered Storage for Fiber Boxes or Bags
 - Forklift or Pallet Jack Access
 - Indoor/Weather-Protected Staging Area
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OPERATOR & PLANT STAFF PREP

- Operator Trained and Certified on Selected System (CMDR, TITAN, DFNDR)
 - Training Complete for Hand Dosing if Applicable
 - Troubleshooting Guide Provided
 - Contact Info for Surface Tech Support Posted
 - Emergency Stop & Override Protocols Known
 - Plant Safety Check Complete
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TESTING & VERIFICATION

- Test Strip Scheduled
 - On-Site Fiber Verification (Binder-Fiber Blend Confirmed)
 - QC Lab Coordination Confirmed
 - Job Mix Formula (JMF) Updated for Fiber Use
 - Sample Retention Plan Ready
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Schedule Your Pre-Construction Coordination Call

Book a meeting with the Plant Manager and QC Manager to confirm setup, calibration, and mix design integration: corbin.williams@surface-tech.com support@surface-tech.com