

STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2008/2009
Quality Assessment Category Number 7A Asphalt Plant / Lab

1 The Verification Technician is aware of and verifying that the Contractor is following all aspects of his Producer QC Plan. Verify gyratory compactor calibrations are performed and documented. Additionally, verify that Contractor Control Charts and LIMS entry is updated daily. A lab review shows that the above test results are documented and plotted on the Control Charts, which are posted in the lab. [Spec. 330-2]

2 The Verification Technician is aware of and enforcing the requirements that when an individual QC test result of a subplot for air voids, or the average subplot density for coarse graded mixes, or the average subplot density for Traffic Level D or E fine graded mixes do not meet the requirements of the Table 334-5 (Master production range), then the LOT shall be automatically terminated and the production of the mixture shall be stopped until the problem is adequately resolved. The material represented by the failing test result shall be evaluated in accordance with 334-5.1.9.5. In the event that an individual QC test result of a subplot for gradation (P_{-8} or P_{-200}) or A/C content or the average subplot density for Traffic Level A, B or C fine graded mix does not meet the requirements of Table 334-5, or an individual core density is less than 91% of G_{mm} (for coarse mixes), steps shall be taken to correct the situation and actions taken shall be reported to the Engineer. If two consecutive QC tests for gradation (P_{-200}), A/C content or the average subplot density for Traffic Level A, B or C fine graded mixes do not meet the requirements of Table 334-5, or two core densities within a subplot are less than 91% of G_{mm} (for coarse mixes), the LOT will be automatically terminated and production of the mixture stopped until the problem is adequately resolved and the material represented by the failing test result shall be evaluated in accordance with 334-5.1.9.5. A review of lab records verifies this. [Spec. 334-5,].

3. The Verification Technician is aware of and enforcing the requirements for low Pay Factor (PF) materials as follows: If an individual PF falls below 0.90, steps shall be taken to correct the situation. When two or more consecutive PFs or the Composite PF (CPF) falls below 0.9, production shall be stopped. If the CPF is less than 0.8 and greater than or equal to 0.75, or the LOT is terminated due to a failure to meet the master production range defined in Table 334-5, the material shall be evaluated per 334-5.1.9.5. The CPF is less than 0.75; the material will be removed and replaced. A review of lab records verifies that all the input data for the calculation of the Pay Factors are correct and the low PF materials are handled in accord with 334-5.1.9.5. [Spec. 334-5]

4. Verification Technician is aware of and performing the split sample verification testing in accordance with specs 334-5.1.5.1 and 334-5.1.5.2 to determine the validity of the Contractor's QC test results for LOT acceptance. Those verification test results are documented in the Asphalt Plant-Verification Report. A discussion with the technician and a review of lab records verifies this. [Spec. 334-4].

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