

Sampling & Testing Guide-Minimum Frequency

October 17, 2006
Supersedes April 19, 2005

SURFACE TREATMENT (Seal Coat, Slurry, Joint Repair, Crack Filling, Fog Seal)
Section 2307, 2319, 2540, 2544, 2306, 2308

Matls. IM 204
Appendix P (US) Units

| MATERIAL OR CONSTRUCTION ITEM | TESTS | METHOD OF ACCEPTANCE & RELATED IMs | | QUALITY CONTROL | | | | | INDEPENDENT ASSURANCE & VERIFICATION S&T | | | | | REMARKS |
|-------------------------------|-------------------|------------------------------------|----------|-----------------|---|-------------|---------|--------------|--|--------------------------|-------------|-------------|---------|---------------------|
| | | | | SAMPLE BY | FREQ. | SAMPLE SIZE | TEST BY | REPORT | S&T TYPE | SAMPLE BY | FREQ. | SAMPLE SIZE | TEST BY | |
| SOURCE INSPECTION | | | | | | | | | | | | | | |
| Aggregates (4125) | Quality Gradation | AS | 209 | | | | | | | | | | | |
| Emulsions/ Cutbacks | Quality | AS | | | | | | | | | | | | |
| Emulsion & Aggregate | Compatibility | | 349 | | | | | | DME | 1/ source | 1 qt & 10lb | DME/ CTRL | | Seal Coat |
| Emulsion & Aggregate | Mix Design | | | | | | | | | | | | | Slurry |
| GRADE INSPECTION | | | | | | | | | | | | | | |
| Aggregate | Quality Gradation | Cert D | 301 | | | | | | V | DME | 1/proj. | 50 lb | CTRL | Seal Coat |
| Emulsion | Quality Residue | Cert D | 323, 360 | RCE | 1/20,000 gal | 1 qt | DME | Fieldbook(2) | | | | | | Seal Coat/Slurry(1) |
| | Compatibility | | 349 | RCE | 1 st day+ 1/week | 1 qt & 10 b | DME | | | | | | | Seal Coat |
| Cutback | Quality Viscosity | Cert D | 323, 329 | RCE | 1/20,000 gal | 1 qt | DME | Fieldbook(2) | | | | | | |
| | Anti-Strip | AS | 323, 374 | | | | | | | | | | | |
| AS-Approved Source | | Cert A-Type A Certification | | | RCE-Resident Construction Engineer/Project Engineer | | | | | IA-Independent Assurance | | | | |
| ASD-Approved Shop Drawing | | Cert C-Type C Certification | | | DME-District Materials Engineer | | | | | V-Verification | | | | |
| S&T-Sampling & Testing | | Cert D-Type D Certification | | | CTRL-Central Materials Office | | | | | CONTR-Contractor | | | | |

Emulsion samples in plastic bottles only.
No samples required for joint repair, crack filling, and fog seal. Acceptance based on certification only.
(1) Samples of emulsion for slurry are required for full width placement only.
(2) Log all shipments