



### 407.03

49 Equip distributor with tachometer, pressure gages, accurate volume  
50 measuring devices or calibrated tank, thermometer for measuring  
51 temperature of tank contents, power unit for pump, and full circulation spray  
52 bars adjustable laterally and vertically, with covers to prevent overspraying.  
53 Provide hose and nozzle attachment for spotting skipped areas and areas  
54 inaccessible to distributor.

55  
56 **(C) Preparation of Surface.** If surface conditions described in  
57 Subsection 310.03 - Construction are applicable, clean surface in accordance  
58 with Section 310 - Brooming Off immediately before applying tack coat.

59  
60 **(D) Application of Tack Coat.** Protect structures including guardrails,  
61 guardrail post, and other appurtenances from tack coat splatter.

62  
63 Apply tack coat on existing asphalt or concrete surface, or both, to be  
64 overlaid by HMA course. Once water has evaporated from asphalt  
65 emulsion, tack coat is said to have set. Place HMA overlay after tack coat  
66 has set and within four hours of application. For multiple lift construction,  
67 tack coat application may be waived when upper lift is placed within 12 hours  
68 of placing lower lift.

69  
70 Before placing HMA course, apply tack coat to contact surfaces of  
71 curbs, gutters, manholes, other structures, vertical faces of existing  
72 pavements, and exposed transverse and longitudinal edges of each course.

73  
74 Apply tack coat uniformly at rate of 0.12 - 0.18 gallon per square yard.  
75 At transverse and longitudinal application joints, ensure that specified tack  
76 coat application rate is not exceeded. Squeegee excess tack coat from  
77 surface. Use hand sprays to cover areas inaccessible to distributor and to  
78 correct deficient areas.

79  
80 **(E) Protection of Tack Coat.** Except for construction equipment directly  
81 connected with paving operations, keep traffic off tack coat.

82  
83 Protect tack coat from damage until HMA layer is placed. Repair tack  
84 coat damage at no increase in contract price or contract time.

85  
86 **407.04 Measurement.** The Engineer will not measure tack coat for payment.

87  
88 **407.05 Payment.** The Engineer will not pay for tack coat separately and will  
89 consider the cost for tack coat as included in the contract prices for the various HMA  
90 and portland cement concrete pavement contract pay items. The cost is for the  
91 work prescribed in this section and the contract documents.

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93  
94

**END OF SECTION 407**