

WEST VIRGINIA DIVISION OF HIGHWAYS  
MAXIMUM SPECIFIC GRAVITY WORKSHEET

MAXIMUM SPECIFIC GRAVITY - BOWL METHOD (AASHTO T-209)		
A	Sample Weight	
B	Bowl + Sample in Water Weight	
C	Bowl in Water (Calibration Weight)	
D	Surface Dry Sample Weight (For Dry-Back Procedure Only)	
E	Max. Sp. Gr. = $A / [A - (B - C)]$ or Dry-Back Max. Sp. Gr. = $A / [D - (B - C)]$	

MAXIMUM SPECIFIC GRAVITY - PYCNOMETER METHOD (AASHTO T-209)		
A	Sample Weight	
B	Pycnometer + Water Weight (Calibration Weight)	
C	Pycnometer + Sample + Water Weight	
D	Surface Dry Sample Weight (For Dry-Back Procedure Only)	
E	Max. Sp. Gr. = $A / (A + B - C)$ or Dry-Back Max. Sp. Gr. = $A / (D + B - C)$	

Dry Back: In Accordance With Supplemental Procedure of AASHTO T209

Weighing Interval	Time	Weight of Pan + Sample
0 Min.		
15 Min.		
30 Min.		
45 Min.		
60 Min.		
75 Min.		
90 Min.		
105 Min.		
120 Min.		
135 Min.		
150 Min.		
165 Min.		
180 Min.		
195 Min.		
210 Min.		
225 Min.		

- 1) Weight of Pan + Final Surface Dry Weight \_\_\_\_\_
- 2) Weight of Pan \_\_\_\_\_
- D) Surface Dry Sample Weight ( 1 - 2 ) \_\_\_\_\_

Percent asphalt content used for determining the maximum specific gravity = \_\_\_\_\_