

# NorthEast Transportation Training & Certification Program

## HMA Theoretical Maximum Specific Gravity Test Report (T 209)

Date/Time:	Lab/Location:	
Weather:	Date Rec'd #:	Random Sample: Yes No
Project:	Lab Login #:	Lot #:
Contract #:	Material ID:	Sublot #:
Contractor:	Material #:	Sample Location:
Pay Item #:	Sample #:	Station:
Source:	Sample Type: OC A-V IA DR Other	Offset:
Plant Type:	Sampled By/Cert. #:	

Maximum Specific Gravity of HMA (T 209)					
Specimen #:		1	2	3	4
Mass of Dry Sample in Air (A):					
<b>Flask Method</b>	Mass of Pycnometer filled with Water (D):				
	Mass of Pycnometer filled with Sample and Water (E):				
<b>Bowl Method</b>	Mass of Empty Pycnometer on Weigh Below in Water (T)				
	Mass of Pycnometer and Sample on Weigh Below in Water (S)				
Theoretical Maximum Specific Gravity ( $G_{mm}$ ):      Flask $A/(A+D-E)$					
Theoretical Maximum Specific Gravity ( $G_{mm}$ ):      Bowl $A/(A-(S-T))$					
Unit Weight, lb/ft <sup>3</sup> :      ( $G_{mm} * 1000$ )					
Average Theoretical Maximum Specific Gravity ( $G_{mm}$ ):					
Average Unit Weight, lb/ft <sup>3</sup> :					

Comments:

Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:
Results Within Specification Limits: <input type="checkbox"/>	Results Outside Specification Limits: <input type="checkbox"/>