NorthEast Transportation Training & Certification Program

HMA Asphalt Content and Gradation Test Report (T 329, T 308, T 30)

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: QC A-V IA DR Other	Offset:
Plant Type:	Sampled By/Cert. #:	

Moisture Content (T 329)		Asphalt Content of HMA by Ignition Method (T 308)			
Sample Wet Mass (Mi):		Initial Sample Mass (Wsi):		PG Binder Mass (Ws - Wa):	
Sample Dry Mass (Mf):		Corrected Sample Mass (Ws):		% Agg. Loss by Ignition (Cf):	
Water Mass (C):		$(Wsi / (1+(.01*M)))$		**%PG Binder (Pb):**	
% Moisture (M):		Final Sample + Pan (Wap):		$((((Ws - Wa)/Ws)*100)-Cf)$	
$(100*((Mi-Mf)/Mi))$		Pan Tare Mass (P):		PG Binder JMF:	
HMA Temperature		Final Sample Mass (Wa):		Test Time, minutes:	
Sample Temp, ºF:		$(Wap - P)$		Oven Set Point, ºC:	

Mechanical Analysis of Extracted Aggregate (T 30)

Sieve, in. (mm)	Mass Retained	Percent Retained	Percent Passing	Job Mix Formula	+ / - Tolerance	Variance
1 1/2 (37.5)						
1 (25)						
3/4 (19)						
1/2 (12.5)						
3/8 (9.5)						
#4 (4.75)						
#8 (2.36)						
#16 (1.18)						
#30 (600 µm)						
#50 (300 µm)						
#100 (150 µm)						
#200 (75 µm)						
PAN						
TOTAL:						

Comments:

Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:

Results Within Specification Limits: ☐   Results Outside Specification Limits: ☐