

NorthEast Transportation Training & Certification Program

Sieve Analysis Test Report (T 27, T 11 , T 255)

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. #:	

Material:		(T 255)	Wet Mass(W):	
Sample #:			Original Dry Mass(D):	
Source:			Moisture Loss (W - D):	
			% Moisture (100 x (W - D) / D):	
(T 11)			Dry Mass after wash (Dw):	
			Mass of Fines lost by washing (D - Dw)	
			% -75 µm Sieve (100 x (D - Dw)/D):	
Sieve Analysis of Fine and Coarse Aggregates (T 27)				
Sieve	Mass	% Ret	% Pass	Spec. %
2 (50)				
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				

Material:		(T 255)	Wet Mass(W):	
Sample #:			Original Dry Mass(D):	
Source:			Moisture Loss (W - D):	
			% Moisture (100 x (W - D) / D):	
(T 11)			Dry Mass after wash (Dw):	
			Mass of Fines lost by washing (D - Dw)	
			% -75 µm Sieve (100 x (D - Dw)/D):	
Sieve Analysis of Fine and Coarse Aggregates (T 27)				
Sieve	Mass	% Ret	%Pass	Spec. %
2 (50)				
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				

Material:		(T 255)	Wet Mass(W):	
Sample #:			Original Dry Mass(D):	
Source:			Moisture Loss (W - D):	
			% Moisture (100 x (W - D) / D):	
(T 11)			Dry Mass after wash (Dw):	
			Mass of Fines lost by washing (D - Dw)	
			% -75 µm Sieve (100 x (D - Dw)/D):	
Sieve Analysis of Fine and Coarse Aggregates (T 27)				
Sieve	Mass	% Ret	%Pass	Spec. %
2 (50)				
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				

Material:		(T 255)	Wet Mass(W):	
Sample #:			Original Dry Mass(D):	
Source:			Moisture Loss (W - D):	
			% Moisture (100 x (W - D) / D):	
(T 11)			Dry Mass after wash (Dw):	
			Mass of Fines lost by washing (D - Dw)	
			% -75 µm Sieve (100 x (D - Dw)/D):	
Sieve Analysis of Fine and Coarse Aggregates (T 27)				
Sieve	Mass	% Ret	%Pass	Spec. %
2 (50)				
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:	
Test Results Within Engineering Limits:		YES ☐	NO ☐