

NorthEast Transportation Training & Certification Program

Coarse Aggregate Angularity & Flat and Elongated Particles Test Report (D 5821, D 4791)

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. #:

Coarse Aggregate Angularity (D 5821)

TEST PERFORMED BY: Mass (g) <input type="checkbox"/> Count (# of Particles) <input type="checkbox"/>		
<p>F = Mass or count of fractured particles with at least the specified number of fractured faces.</p> <p>N = Mass or count of particles not meeting the fractured particle criteria.</p> <p>P = Percentage of particles with the specified number of fractured faces.</p> <p>$P = [F / (F + N)] * 100$</p>	<p>One Face</p> <p>F = _____</p> <p>N = _____</p> <p>P = <input style="width: 80px;" type="text"/></p>	<p>Two Face</p> <p>_____</p> <p>_____</p> <p><input style="width: 80px;" type="text"/></p>

Flat and Elongated Particles (D 4791)

TEST PERFORMED BY: Mass (g) <input type="checkbox"/> Count (# of Particles) <input type="checkbox"/>				
TEST RATIO: 3 : 1 <input type="checkbox"/> 5 : 1 <input type="checkbox"/>				
Sieve Sizes	Original % Retained per Sieve	Count or Mass Tested (g)	Count or Mass F&E	Percent Flat & Elongated
37.5 mm				
25.0 mm				
19.0 mm				
12.5 mm				
9.5 mm				
			Weighted average:	

Comments:

Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:
Test Results Within Engineering Limits:	YES <input type="checkbox"/> NO <input type="checkbox"/>