Delaware Department of Transportation
Materials and Research Laboratory
P.O. Box 778 Dover, DE 19903
302-760-2400

FLY ASH TEST REPORT

Lab No.:	C-_____	Silo:	_____	Contract No:	_____
Sampled by:	_____	Tanker:	_____	DelDOT Sections:	801, 812,822
Sampled at:	_____	Temperature, F:	_____	Date Sampled:	_____
Manufacturer:	_____	Quantity, tons:	_____	Date Received:	_____
Fly Ash Type:	_____				

AASHTO	Test Performed	Specifications	Units	Results
	Physical Tests:			
T-153	Blaine Fineness……..		M^2/kg	
	Cement No……..			
	Cement Manufacturer……..			
T-106	Cement Mortar Cube Strength, 28 day…..		psi	
T-106	Mortar Cube Strength,(20% Fly Ash) 7day		psi	
T-106	Mortar Cube Strength, (20% Fly Ash) 28 day		psi	
C-311	Activity Index, 7 day	≥ 75	%	
C-311	Activity Index, 28 day	≥ 75	%	
	Technician: _____		Date Completed:	
	Chemical Tests (XRF):			
T-105	Silicon Dioxide…….	-------	Wt. %	
T-105	Aluminum Oxide……..	-------	Wt. %	
T-105	Ferric Oxide……..	-------	Wt. %	
T-105	Calcium Oxide……..	-------	Wt. %	
T-105	Magnesium Oxide…….	-------	Wt. %	
T-105	Sulfur Trioxide……..	≤5.0	Wt. %	
T-105	Sodium Oxide……	-------	Wt. %	
T-105	Potassium Oxide……	-------	Wt. %	
T-105	Maganic Oxide……..	-------	Wt. %	
T-105	Phosphorous Pentoxide……...	-------	Wt. %	
T-105	Titanium Dioxide……..	-------	Wt. %	
T-105	Strontium Oxide……	-------	Wt. %	
	Loss on Ignition…….	≤4.0	Wt. %	
	Moisture……	≤3.0	Wt. %	
M-295	Sum of Si+Al+Fe…….	≥ 70.0	Wt. %	
M-295	Total Alkalies (as Sodium Oxide)…….	≤ 1.5	Wt. %	
	Technician: _____		Date Completed:	

Remarks:

In conformance with the specifications of AASHTO M-302 this sample of slag is _____

Lab Supervisor: _____ Date: _____ Lab Manager: _____ _____

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