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

SLAG REPORT

Lab No.:	C-_____	Silo:	_____	Contract No:	_____
Sampled by:	_____	Tanker:	_____	DelDOT Sections:	801 & 812
Sampled at:	_____	Temperature, F:	_____	Date Sampled:	_____
Manufacturer:	_____	Quantity, tons:	_____	Date Received:	_____
Slag Grade:	_____				

AASHTO	Test Performed	Specifications	Units	Results
	Physical Tests:			
T-137	Air Content……	≤12	%	_____
T-153	Blaine Fineness……..	-------	M^2/kg	_____
T-106	Slag/Cement Strength, 7 day……..	-------	psi	_____
T-106	Slag/Cement Strength, 28 day……	-------	psi	_____
Reference Cement:	_____ Cement No: _____		Total Alk (0.6-0.9%	_____
T-106	Cement Cube Strength, 7 day……	-------	psi	_____
T-106	Cement Cube Strength, 28 day…….	≥ 5000	psi	_____
M-302	Slag Activity Index, 7 day…….		%	_____
M-302	Slag Activity Index, 28 day……		%	_____
	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……..	-------	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. %	_____
T-105	Barium Oxide…….	-------	Wt. %	_____
T-105	Sulfur Trioxide……	≤4.0	Wt. %	_____
T-105	Loss on Ignition…….	≤ 3	Wt. %	_____
M-302	Total Alkalies (as Sodium Oxide)…….	-------	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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