



05/22/2023

To: Whom it May Concern:

This material is currently produced at our "Liberty Mine" facility (GDOT mine #238F) and certified utilizing the "QC Certification System" as outlined in chapter 14 of the Aggregate Rule (14-103 F.A.C.), and Section 801.2.02 of the GDOT Standard Operating Specifications. This material meets all current requirements of Fine Aggregate for the G.D.O.T, NCDOT, SCDOT, FLDOT Standard Specification for Road and Bridge Construction. Each load is certified by an individual ticket. The DOT certified Concrete Silica Sand produced and shipped at our Liberty Mine meets the ASTM C-33 Specification.

### 117-GDOT 10NS Concrete Sand

Procedure	Sieve/Test	Average	Unit	GADOT 10NS
	3/8" (9.5mm)	100.00	%	
	#4 (4.75mm)	99.45	%	95-100
	#8 (2.36mm)	93.19	%	
	#16 (1.18mm)	75.72	%	45-95
	#30 (.6mm)	49.98	%	
	#50 (.3mm)	24.34	%	5-30
	#100 (.15mm)	4.34	%	0-10
	#200 (75µm)	0.16	%	0-3
ASTM C-136	FM	2.53		
	-#200 (75um)	0.22	%	
	Grad Loss	0.028	%	
	Wash Loss (#200/75um)	0.10	%	
ASTM C-566	Total Moisture	4.9	%	0.0-6.0
	Color	1		
	D10 (ES)	0.18	mm	
	D50	0.60	mm	
	Cu	4.25		

Sincerely,

*Mario Cardenas*

Quality Control Manager  
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Name/Title

David Clements / Mine manager