



05/22/2023

To Whom it may concern:

This material is currently produced at our "Independent Mine" (FDOT mine #11-490) and certified utilizing the "QC Certification System" as outlined in chapter 14 of the Aggregate Rule (14-103 F.A.C.). This material meets all current requirements of section 902 (Fine Aggregate 902-1 through 902-2.2) of the F.D.O.T Standard Specification for Road and Bridge Construction. Each load is certified by an individual ticket.

**1001-FDOT Concrete Silica Sand Code F01**

Procedure	Sieve/Test	Average	Unit	FLDOT Silica Sand
	#4 (4.75mm)	100	%	95-100
	#8 (2.36mm)	99	%	85-100
	#16 (1.18mm)	91	%	65-97
	#30 (.6mm)	63	%	25-70
	#50 (.3mm)	25	%	5-35
	#100 (.15mm)	2	%	0-7
	#200 (75µm)	0	%	0-4
AASHTO T-27	FM	2.20		2.05-2.45
AASHTO T-11	-#200 (75um)	0.15	%	
	Grad Loss	0.009	%	
AASHTO T-11	Wash Loss (#200/75um)	0.12	%	
AASHTO T-255	Total Moisture	3.0	%	
AASHTO T-21	Color	2		1-5
	D10 (ES)	0.1926	mm	
	D50	0.47	mm	
	D60	0.57	mm	
	Cc	0.98		
	Cu	2.98		

Sincerely,

*Mario Cardenas*

Quality Control Manager  
E.R. Jahna Ind, Inc.  
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<b>Name/Title</b>	David Clements / Mine manager
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