



05/22/2023

To Whom it may concern:

This material is currently produced at our Haines City (FDOT mine #16-024) 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	FDOT Concrete Silica Sand Code F01
	#4 (4.75mm)	100	%	95-100
	#8 (2.36mm)	100	%	85-100
	#16 (1.18mm)	94	%	65-97
	#30 (.6mm)	59	%	25-70
	#50 (.3mm)	26	%	5-35
	#100 (.15mm)	6	%	0-7
	#200 (75µm)	0	%	0-4
ASTM C-136	FM	2.16		2.00-2.40
	-#200 (75um)	0.13	%	
	Grad Loss	0.047	%	
ASTM C-117	Wash Loss (#200/75um)	0.09	%	
ASTM C-566	Total Moisture	2.8	%	
T-21/ C-40	Color	1		1-3
	D10 (ES)	0.18	mm	
	D50	0.50	mm	
	D60	0.61	mm	
	Cc	0.99		
	Cu	3.50		

Sincerely,

Mario Cardenas  
Quality Control Manager



05/22/2023

E.R. Jahna Ind, Inc.  
Office: 352-394-7455  
Cell: 863-557-0342  
Fax: 352-394-8730

<b>Name/Title</b>	David Clements / Mine manager
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