



Professional Service Industries, Inc.
2828 South 44th Street
Kansas City, KS 66106

Phone: (913) 310-1600
Fax: (913) 310-1601

Report No: CTR:03533627-22-C1

Issue No: 2

This report replaces all previous issues of this report signed on 05/02/2022

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.

Approved Signatory: William Odell (Senior Project Manager)

Date of Issue: 5/23/2022

Concrete Test Report

Client: CORE STATES GROUP
3039 PREMIERE PARKWAY, SUITE
700
DULUTH, GA 30097

CC: C FAIRBANKS
CHRIS DIAMOND
GREG HELLBUSCH
J SANCHEZ
JOSE SANCHEZ
L MCKINZY
S KESHETTY
SUNIL DUBEY

Project: CHASE BANK-LEE'S SUMMIT
LEE'S SUMMIT, MO

Mix Data

Supplier: Geiger Ready-Mix
Plant: Geiger Ready Mix
Mix Identification: A4OC580V442
Specified Design Strength (psi): 4500 at age 28 days

Sample Details

Date Sampled: 04/25/22	Date Received: 04/26/22	Specification: Mix Design
General Location: Trash enclosure footing		
Sample Location: NW corner		
Curing Method: One day Field/Laboratory Cure		
Field Sample No.:	Initial Cure Temp (°F) High:	
	Low:	
Contractor:		
Ticket no.: 853857	Truck No.: 423	
Sampled By: Robert Holmquist		
Weather:		
	Slump (in): ASTM C 143	Measured 4.5 Specified 3.00 to 5.00
	Slump w/ plasticizer (in):	N/A
	Air Temp (°F):	52
	Concrete Temp (°F): ASTM C 1064	68
	Air Content (%) ASTM C 231	5.4 5.0 to 7.0
	Unit Weight (pcf): ASTM C 138	N/A
	Volume of Density Measure (ft³):	N/A
	Batch Size (yd³): 5.0	Time Batched: 11:41
	Yd³ Placed: 5.0	Time Sampled: 12:00
	Water Added (gal) Before:	Time Placed: 12:25
	After:	Time in Truck (mins): 44

Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533627-22-C11	05/02/22	7	4.00	7.54	12.57	U	58630	3	4670	Javion Gathrite
03533627-22-C12	05/23/22	28	4.00	7.88	12.57	U	69470	3	5530	Javion Gathrite
03533627-22-C13	05/23/22	28	4.00	8.07	12.57	U	65390	3	5200	Javion Gathrite
03533627-22-C14	05/23/22	28	4.00	7.56	12.57	U	64460	3	5130	Javion Gathrite
03533627-22-C15		Hold				U				

Average 28 Day Compressive Strength (psi) 5290

Required Strength (psi) 4500

Notes

1. Sampling to ASTM C 172
2. Specimen(s) prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground

Remarks

Fracture Type: 3 = C39: Vert cracking/no cones; C1314: Cone & Split