

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 01211322.0032
Service Date: 01/13/22
Report Date: 01/20/22 Revision 1 - 7-day results
Task:

Terracon

1815 S Eisenhower St
Wichita, KS 67209-2810
316-262-0171

Client

Wolf Construction, Inc.
Attn: Adam Teal
5630 SW Randolph Ave.
Topeka, KS 66609

Project

Pawnee Substation EVWI012006
4801 E. Pawnee St.
Wichita, KS

Project Number: 01211322

Material Information

Specified Strength: 4,000 psi @ 28 days

Mix ID: VE4510
Supplier: CMC
Batch Time: 0938 Plant: 11
Truck No.: 651 Ticket No.: 137428

Sample Information

Sample Date: 01/13/22 Sample Time: 1110
Sampled By: Mario Crawford
Weather Conditions: Sunny
Accumulative Yards: 8.25/16.50 Batch Size (cy): 8.25
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Third Fence Pier from North
Placement Location: East Fence Piers (14)

Field Test Data

Test	Result	Specification
Slump (in):	4 1/4	
Air Content (%):	7.8	
Concrete Temp. (F):	70	
Ambient Temp. (F):	55	
Plastic Unit Wt. (pcf):	139.7	
Yield (Cu. Yds.):		

Laboratory Test Data

Set No.	Spec ID	Avg Diam. (in)	Area (sq in)	Date Received	Specimen Weight (lbs)	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Cond.	Tested By
1	A	4.00	12.57		8.20	01/20/22	7	52,140	4,150	5	Good	JWP
1	B					02/10/22	28					
1	C					02/10/22	28					
1	D					02/10/22	28					
1	E						Hold					

Initial Cure: Onsite Cooler

Final Cure:

Sample Description: 4-inch diameter cylinders

Comments: Note: Reported air content does not include Aggregate Correction Factor (ACF).

Samples Made By: Terracon

Services: Obtain samples of fresh concrete at the placement locations, perform required field tests and cast compressive strength samples.

Terracon Rep.: Mario Crawford

Reported To: Lucas w/ Wolf

Contractor:

Report Distribution:

(1) Wolf Construction, Inc.,
adam.teal@wolfks.com
(1) Wolf Construction, Inc.,
lloyd.ladusch@wolfks.com

(1) KE Miller Engineering, john@kemiller.com

Reviewed By:


Kevin McKinney
Project Manager

Test Methods: ASTM C 31, ASTM C39, ASTM C138, ASTM C143, ASTM C172, ASTM C231, ASTM C617, ASTM C1064, ASTM C1231

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.