

COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 06/26/2024 Material: CLSM
Size: Cylinder 4x8
Lab No.: TUC-4750
Project Set No.: 8

Ninyo & Moore

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Client
Pima County
Attn: Rogelio Flores

Project
Rancho Vistoso Valley Vista Sewer Repair
601 E. Kalalau Dr.
Oro Valley AZ 85755
Project Number: 608157001

Field Test Data

Truck No.: 9519 Ticket No.: 1452158
Batch Time: 10:14am
Cast Time: 11:30am Age (min.): 76
Load Vol.: 10 cy Cumulative Vol.: 10 yd³ of 18 tot. yd³
Water Added (gal): 0.0 Sampled From: Chute
Cast By: Edwin Gonzalez
No. of Specimens: 5
Set No.: 1 Spec. Type: Cylinder

Mix Information

Supplier: Calportland
Mix No.: 400245
Product Desc.: Sand slurry 4.0 sack
Admixtures:
Max Agg. Size:
Plant: OG/771

Test	Result	Specified
Temp. (F):	87	
Air Temp. (F):	97	
Slump (in):	N/A	
Air Content (%)	N/A	
Unit Weight (pcf):	N/A	

Environmental Conditions:
Sunny, Moderate Humidity, Dry, Calm
High (F): 100
Low (F): 79

Mix Design Strength: 250
Specified Strength: 250 psi @ 28 days

Compressive Strength Test Method

Sample No.	Date Tested	Age, days	Maximum Load, lb	Average Diameter or Side, in.	Surface Area, in. ²	Compressive Strength psi	Average	Fracture Type	Cure	Cap Type	Tested By
1	Jul 03	7	4380	3.99	12.50	350		Type 3	Lab	U	Michael Gause
2	Jul 24	28	6520	3.99	12.50	520		Type 3	Lab	U	Michael Gause
3	Jul 24	28	6700	3.99	12.50	540		Type 6	Lab	U	Michael Gause
4	Jul 24	28	7230	4.00	12.57	580	540	Type 3	Lab	U	Michael Gause
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Average compressive strength @ 28 days meets specified strength: ☒ Yes ☐ No

Structure Location / Placement Area:

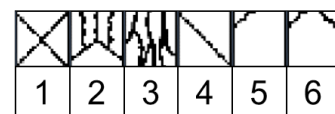
Waterline trench by Manhole #2 / Waterline trench by Manhole #2

Comments:

Samples prepared and tested in accordance with:

ASTM C31, ASTM C39, ASTM C172, ASTM C511, ASTM C1064, ASTM C1231

TYPES OF FRACTURE



Reviewed By:

Print Date: 07/25/2024

Nick Moore / Senior Project Manager