

COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 06/27/2024 Material: CLSM
Size: Cylinder 4x8
Lab No.: TUC-4767
Project Set No.: 9

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.: 8277 Ticket No.: 1452520
Batch Time: 12:11pm
Cast Time: 1:30pm Age (min.): 79
Load Vol.: 10.5 cy Cumulative Vol.: 10.5 yd³ of 52.5
Water Added (gal): 0.0 tot. yd³
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: Ina/119

Environmental Conditions:

Sunny, Moderate Humidity, Dry, Calm
High (F): 104
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 05	8	2780	4.00	12.57	220		Type 3	Lab	U	Tyler Smith
2	Jul 25	28									
3	Jul 25	28									
4	Jul 25	28									
5		H									

Average compressive strength @ 28 days meets specified strength: ☐ Yes ☐ No

Structure Location / Placement Area:

Waterline trench / 15' east of 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