

COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 07/08/2024 Material: CLSM
Size: Cylinder 4x8
Lab No.: TUC-4834
Project Set No.: 10

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.: 0384 Ticket No.: 1454209
Batch Time: 12:44pm
Cast Time: 1:50pm Age (min.): 66
Load Vol.: 10.5 cy Cumulative Vol.: 21 yd³ of 42.5 tot.
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.: 40025
Product Desc.: Sand slurry 4.0 sack
Admixtures:
Max Agg. Size:
Plant: Ina/118

Test	Result	Specified
Temp. (F):	89	
Air Temp. (F):	106	
Slump (in):	8	
Air Content (%)	N/A	
Unit Weight (pcf):	N/A	

Environmental Conditions:
Sunny, Low Humidity, Dry, Calm
High (F): 109
Low (F): 81

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	Fracture Type	Cure	Cap Type	Tested By
1	Jul 15	7	3090	3.99	12.50	250	Type 3	Lab	U	Michael Gause
2	Aug 05	28								
3	Aug 05	28								
4	Aug 05	28								
5		H								

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

Structure Location / Placement Area:

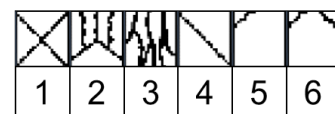
Sewer line trench / Sewerline trench east of Manhole #2

Comments:

Samples prepared and tested in accordance with:

ASTM C31, ASTM C39, ASTM C143, ASTM C172, ASTM C511, ASTM C1064, ASTM C1231

TYPES OF FRACTURE



Reviewed By:

Print Date: 07/25/2024

Nick Moore / Senior Project Manager