

# COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 07/17/2024 Material: Concrete  
Size: Cylinder 4x8  
Lab No.: TUC-4932  
Project Set No.: 11

**Ninyo & Moore**

Geotechnical and Environmental Sciences Consultants  
1991 East Ajo Way, Suite 145  
Tucson AZ 85713  
520.577.7600 | www.ninyoandmoore.com

**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.: 8699 Ticket No.: 1456562  
Batch Time: 11:29am  
Cast Time: 12:45pm Age (min.): 76  
Load Vol.: 4 cy Cumulative Vol.: 4 yd<sup>3</sup> of 4 tot. yd<sup>3</sup>  
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.: 130624C OG  
Product Desc.: 3000 PSI 1" CL- S PAG/ADOT, NO ASH  
Admixtures:  
Max Agg. Size:  
Plant: Ina/119

Test	Result	Specified
Temp. (F):	88	
Air Temp. (F):	100	
Slump (in):	6 1/2	
Air Content (%)	N/A	
Unit Weight (pcf):	N/A	

**Environmental Conditions:**  
Sunny, Low Humidity, Dry, Calm  
**High (F):** 103  
**Low (F):** 79

**Mix Design Strength:** 3000  
**Specified Strength:** 3000 psi @ 28 days

## Compressive Strength Test Method

Sample No.	Date Tested	Age, days	Maximum Load, lb	Average Diameter or Side, in.	Surface Area, in. <sup>2</sup>	Compressive Strength psi	Average	Fracture Type	Cure	Cap Type	Tested By
1	Jul 24	7	37550	4.00	12.57	2990		Type 3	Lab	U	Michael Gause
2	Aug 14	28									
3	Aug 14	28									
4	Aug 14	28									
5		H									

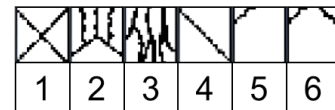
Average compressive strength @ 28 days meets specified strength: ☐ Yes ☐ No

**Structure Location / Placement Area:**  
Manhole base / Manhole #2 base

**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