



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000022
07/22/2022, 28-day
Report Date: 08/22/2022
Sample: 103107

Colorado Springs

5170 Mark Dabling Blvd
Colorado Springs, CO 80918
Phone: 719-528-8300

Client:

Sub4 Development Corporation
2301 West Bradley Avenue Suite 2
Champaign, IL 61821

Project:

CS19163.001F-365
Solace Colorado Springs
Powers Boulevard and Galley Road
Colorado Springs, CO

Sample Details

Set #:	3	Technician:	Chavez, Angel	Batched:	06:58 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Chavez, Angel	Sampled:	07:50 MDT
Specimens In Set:	5	Date Cast:	07/22/22	Cast:	08:05 MDT
Truck / Ticket #:	1913 / 14006237	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Valley Pan
Location Details:	Channel Pan
Sample Location / Notes:	Channel pan

Batch Log

Supplier:	SRM Concrete	Mix Design:	ZCD4195	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	4-1/2	Plastic Unit Weight:	140.0 (lb/ft³)
Air Temperature (F):	77	Concrete Temp (F):	77	Air Content:	5.7
				Load Volume:	10.00 (yd³)

Standard Cure

Field Cure

Lab Test Results

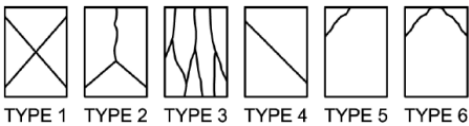
Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
3-1	7	07/29/22	1 / 6	4.00	12.57	45,554	3,620	2		N
3-2	28	08/19/22	1 / 27	4.00	12.57	59,539	4,740	2	C4	N
3-3	28	08/19/22	1 / 27	4.01	12.63	55,578	4,400	1	C2	N
3-4	28	08/19/22	1 / 27	4.00	12.57	58,960	4,690	2	C4	N
3-5	56	09/16/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3620, 28 Day - 4610

Capping Methods

C4: Strength is greater than or equal to f _c .	N: Unbonded Caps (ASTM C1231)
C2: Strength is less than f _c . One cylinder will be held to break at 56 days.	
Tested By: Mark Coppeak (1,2,3,4)	
Checked In : 07/23/2022 (1,2,3,4,5)	





CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000023
07/22/2022, 28-day
Report Date: 08/22/2022
Sample: 103116

Colorado Springs

5170 Mark Dabbling Blvd
Colorado Springs, CO 80918
Phone: 719-528-8300

Client:

Sub4 Development Corporation
2301 West Bradley Avenue Suite 2
Champaign, IL 61821

Project:

CS19163.001F-365
Solace Colorado Springs
Powers Boulevard and Galley Road
Colorado Springs, CO

Sample Details

Set #:	4	Technician:	Chavez, Angel	Batched:	08:23 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Chavez, Angel	Sampled:	09:35 MDT
Specimens In Set:	5	Date Cast:	07/22/22	Cast:	09:50 MDT
Truck / Ticket #:	1915 / 14006246	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Valley Pan
Location Details:	Channel Pan
Sample Location / Notes:	Channel pan

Batch Log

Supplier:	SRM Concrete	Mix Design:	ZCD4195	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	4	Plastic Unit Weight:	140.8 (lb/ft ³)
Air Temperature (F):	80	Concrete Temp (F):	79	Air Content:	5.4
				Load Volume:	10.00 (yd ³)

Standard Cure

Field Cure

Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
4-1	7	07/29/22	1 / 6	3.99	12.50	49,950	4,000	2		N
4-2	28	08/19/22	1 / 27	4.00	12.57	59,253	4,710	2	C4	N
4-3	28	08/19/22	1 / 27	3.99	12.50	64,101	5,130	3	C4	N
4-4	28	08/19/22	1 / 27	4.00	12.57	59,342	4,720	2	C4	N
4-5	56	09/16/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4000, 28 Day - 4850

Capping Methods

C4: Strength is greater than or equal to f'c.	N: Unbonded Caps (ASTM C1231)
Tested By: Mark Coppeak (1,2,3,4)	
Checked In : 07/23/2022 (1,2,3,4,5)	

