



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000009
07/25/2022 7-day revised
Report Date: 08/05/2022
Sample: 103199

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 #:	5	Technician:	Scott, Tanner	Batched:	06:11 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Scott, Tanner	Sampled:	07:00 MDT
Specimens In Set:	5	Date Cast:	07/25/22	Cast:	07:15 MDT
Truck / Ticket #:	1748 / 14006310	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Channel Liner
Location Details:	Channel Pan
Sample Location / Notes:	North side of project

Batch Log

Supplier:	SRM Concrete	Mix Design:	N4405SP	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	6-1/2	Plastic Unit Weight:	145.8 (lb/ft³)
Air Temperature (F):	60	Concrete Temp (F):	80	Air Content:	1.9
				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
5-1	7	08/01/22	1 / 6	4.00	12.57	56,161	4,470	2		N
5-2	28	08/22/22	1 / 27							
5-3	28	08/22/22	1 / 27							
5-4	28	08/22/22	1 / 27							
5-5	56 H	09/19/22	1 / 55							

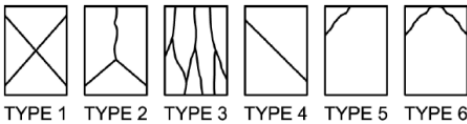
Test Age Average Strengths (psi): 7 Day - 4470

Capping Methods

Tested By: Mark Coppeak (1)	N: Unbonded Caps (ASTM C1231)
Checked In : 07/26/2022 (1,2,3,4,5)	

General Remarks

(REVISED 08/05/2022: CORRECTED THE SAMPLE LOCATION FROM SOUTH SIDE TO NORTH SIDE)





CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000010
07/25/2022, 7-day revised
Report Date: 08/05/2022
Sample: 103204

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 #:	6	Technician:	Scott, Tanner	Batched:	07:34 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Scott, Tanner	Sampled:	08:10 MDT
Specimens In Set:	5	Date Cast:	07/25/22	Cast:	08:25 MDT
Truck / Ticket #:	1901 / 14006315	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Channel Liner
Location Details:	Channel Pan
Sample Location / Notes:	North side of project

Batch Log

Supplier:	SRM Concrete	Mix Design:	N4405SP	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	6	Plastic Unit Weight:	146.6 (lb/ft ³)
Air Temperature (F):	65	Concrete Temp (F):	79	Air Content:	1.9
				Load Volume:	10.00 (yd ³)

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 (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
6-1	7	08/01/22	1 / 6	4.00	12.57	61,615	4,900	3		N
6-2	28	08/22/22	1 / 27							
6-3	28	08/22/22	1 / 27							
6-4	28	08/22/22	1 / 27							
6-5	56 H	09/19/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4900

Capping Methods

Tested By: Mark Coppeak (1)	N: Unbonded Caps (ASTM C1231)
Checked In : 07/26/2022 (1,2,3,4,5)	

General Remarks

(REVISED 08/05/2022: CORRECTED THE SAMPLE LOCATION FROM SOUTH SIDE TO NORTH SIDE)



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6