

RESULTS FOR LABORATORY NO. 3188

CCRL Concrete Proficiency Sample Nos. 171 & 172

Report Date: June 18, 2014

TEST TITLE	Units	LAB DATA		AVERAGES		STAND. DEVS.		RATINGS	
		171	172	171	172	171	172	171	172
Air Content, Volume	%	1.75	2.00	2.14	2.52	0.43	0.43	-5	-4
Air Content, Pressure	%	2.1	2.7	2.2	2.6	0.4	0.4	-5	5
Slump	inch	3.25	3.25	3.01	2.79	1.09	0.91	5	5
Unit Weight	lb/ft ³	146.3	144.8	145.4	144.8	1.1	1.2	5	5
Density of Comp Strength Specimen	lb/ft ³	146	146	146.20	145.67	1.33	1.37	-5	5
Comp Str 7-day (4x8)	psi	--	--	4429.83	4699.15	296.63	343.24	--	--
Comp Str 7-day (6x12)	psi	4200	4500	4110.42	4328.63	287.34	302.86	5	5
Temp of Concrete	° F	77	78	76.24	76.86	6.07	6.02	**	**

The following table details the relationship between the ratings and the averages.

More information can be found on our [statistics page](#).

Ratings (± 5 is Best, ± 1 is Worst)	5	4	3	2	1
Range (Number of S.D.s)	Less than 1	1 to 1.5	1.5 to 2	2 to 2.5	More than 2.5
# of Labs Per 100 achieving this rating	69	18	9	3	1

Notes

1. -- No data or invalid data on one or both samples.
2. A rating of zero (0) indicates the data was excluded due to a deviation of three or more **S.D.** on one or both samples.
3. * * No ratings assigned for any laboratory for this test.