

Report Date: December 22, 2015

Results For Laboratory No. 3188

CCRL Concrete Proficiency Sample Nos. 177 & 178

TEST TITLE		LAB DATA		AVERAGES		STAND. DEVS.		RATINGS	
	Units	177	178	177	178	177	178	177	178
Air Content, Volume	%	1.75	1.75	2.05	2.25	0.38	0.39	-5	-4
Air Content, Pressure	%	1.6	1.7	2.0	2.2	0.4	0.3	-4	-4
Slump	inch	3.50	3.50	2.70	2.82	0.86	0.85	5	5
Unit Weight	lb/ft <sup>3</sup>	154.4	153.1	154.2	152.8	1.3	1.2	5	5
Density of Comp Strength Specimen	lb/ft <sup>3</sup>	155	155	155	154	1	1	5	5
Comp Str 7-day (4x8)	psi	5500	5060	4910	4845	378	344	3	5
Comp Str 7-day (6x12)	psi	--	--	4444	4422	346	354	--	--
Temp of Concrete	° F	71	71	71	70	6	6	**	**

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
Number 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.