



# CONCRETE COMPRESSIVE STRENGTH TEST REPORT



Report Number: J3091112.0010B

Service Date: 02/10/10

Report Date: 03/10/10

15 Holly St.  
Scarborough, ME 04074  
207-396-5374

## Client

BKA Architects  
Attn: Matt Pelletier  
142 Crescent Street  
Brockton, MA 02302

## Project

W.B. Mason Expansion  
106 Pine Tree Industrial Parkway  
Portland, ME 04102

Project Number: J3091112

## Material Information

Specified Strength: 3,000 psi @ 28 days

Mix ID: 3000 3/4

Supplier: Dragon Products

Batch Time: 1000

Plant:

Truck No.: 190

Ticket No.: 3934309

## Sample Information

Sample Date: 02/10/10 Sample Time: 1110

Sampled By: Ethan M. Marro

Weather Conditions: Cloudy, 30's F

Accumulative Yards: 16 Batch Size (cy): 8

Placement Method: Chute

Water Added Before (gal):

Water Added After (gal):

Sample Location: Foundation wall at column lines 17 and F

Placement Location: Foundation walls along line 15 from E to E.2, line E from 15 to 18, line 18 from E to G.5, and 17 from E to F.1

## Field Test Data

Test	Result	Specification
Slump (in):	4 1/2	Max 5
Air Content (%):	4.5	6%+/-1.5%
Concrete Temp. (F):	65	
Ambient Temp. (F):	33	
Plastic Unit Wt. (pcf):		

## Laboratory Test Data

Set No.	Specimen ID	Diameter (in)	Area (sq in)	Date Received	Specimen Weight (lbs)	Date Tested	Age at Test (days)	Maximum Load (lbs)	Compressive Strength (psi)	Fracture Type
3	A	4.00	12.57	02/11/10	8.41	02/17/10	7	35,210	2,800	3
3	B	4.00	12.57	02/11/10	8.42	03/10/10	28	51,530	4,100	5
3	C	4.00	12.57	02/11/10	8.39	03/10/10	28	51,960	4,140	2
3	D			02/11/10	8.38		Hold		4,120	

Comments: Compressive strength of 28 day cylinders complies with the specified strength. Not tested for plastic unit weight.

Samples Made By: Terracon  
Services:

Terracon Rep.: Ethan M. Marro

Reported To:

Contractor:

Report Distribution:

(1) BKA Architects

Reviewed By:

  
Wendell Shedd

## Test Methods:

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.