



# CONCRETE COMPRESSIVE STRENGTH TEST REPORT

# Terracon

Report Number: J3091112.0012B

Service Date: 02/18/10

Report Date: 02/25/10

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:

Supplier: Dragon Products

Batch Time: 0925

Plant:

Truck No.: 192

Ticket No.: 3934339

## Sample Information

Sample Date: 02/18/10 Sample Time: 1020

Sampled By: Ethan M. Marro

Weather Conditions: Clear, 40's F

Accumulative Yards: 10.5 Batch Size (cy): 10.5

Placement Method: Chute

Water Added Before (gal):

Water Added After (gal):

Sample Location: Along line E.6 at 14.

Placement Location: Footings for the ramp between 13.2 and 15 from E to E.6.

## Field Test Data

Test	Result	Specification
Slump (in):	3 1/2	Max 5
Air Content (%):	2.8	
Concrete Temp. (F):	70	
Ambient Temp. (F):	42	
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
5	A	4.00	12.57	02/19/10	8.57	02/25/10	7	33,690	2,680	2
5	B	4.00	12.57	02/19/10	8.49	03/18/10	28	47,750	3,800	5
5	C	4.00	12.57	02/19/10	8.49	03/18/10	28	46,780	3,720	3
5	D			02/19/10	8.54		Hold	Average (28 days)	3,760	

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.