

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Terracon

Report Number: J3091112.0008B

Service Date: 02/03/10

Report Date: 02/10/10

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 No air

Supplier: Dragon Products

Batch Time: 1330

Plant:

Truck No.: 176

Ticket No.: 3934283

Sample Information

Sample Date: 02/03/10 Sample Time: 1425

Sampled By: Ethan M. Marro

Weather Conditions: clear, 20's F

Accumulative Yards: 21 Batch Size (cy): 10.5

Placement Method: Chute

Water Added Before (gal):

Water Added After (gal):

Sample Location: Footing at lines F and 17

Placement Location: Continuous footing along line 17
between E and F. Isolated footing at
lines 16 and F, 4 and B, 4 and C.

Field Test Data

Test	Result	Specification
Slump (in):	4 1/2	Max 5
Air Content (%):	3.2	
Concrete Temp. (F):	63	
Ambient Temp. (F):	25	
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
2	A	4.00	12.57	02/04/10	8.42	02/10/10	7	35,320	2,810	3
2	B	4.00	12.57	02/04/10	8.42	03/03/10	28	49,600	3,950	3
2	C	4.00	12.57	02/04/10	8.40	03/03/10	28	48,900	3,890	5
2	D			02/04/10	8.44		Hold	Average (28 days)	3,920	

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.