



# CONCRETE COMPRESSIVE STRENGTH TEST REPORT



Report Number: J3091112.0007B

Service Date: 02/02/10

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: 4,000 psi @ 28 days

Mix ID: 4000 3/4

Supplier: Dragon Products

Batch Time: 1330

Plant:

Truck No.: 192

Ticket No.: 3934277

## Sample Information

Sample Date: 02/02/10 Sample Time: 1430

Sampled By: Ethan M. Marro

Weather Conditions: clear, 20's F

Accumulative Yards: 20 Batch Size (cy): 10

Placement Method: Chute

Water Added Before (gal):

Water Added After (gal):

Sample Location: Along line E at 16.8

Placement Location: Along line E between 15 and 18, along line 18 between E and G

## Field Test Data

| Test                    | Result | Specification |
|-------------------------|--------|---------------|
| Slump (in):             | 5      | Max 5         |
| Air Content (%):        | 4.7    |               |
| Concrete Temp. (F):     | 64     |               |
| 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 |
|---------|-------------|---------------|--------------|---------------|-----------------------|-------------|--------------------|--------------------|----------------------------|---------------|
| 1       | A           | 4.00          | 12.57        | 02/04/10      | 8.42                  | 02/09/10    | 7                  | 53,340             | 4,250                      | 5             |
| 1       | B           | 4.00          | 12.57        | 02/04/10      | 8.42                  | 03/02/10    | 28                 |                    |                            |               |
| 1       | C           | 4.00          | 12.57        | 02/04/10      | 8.42                  | 03/02/10    | 28                 |                    |                            |               |
| 1       | D           |               |              | 02/04/10      | 8.49                  |             | Hold               |                    |                            |               |

Comments: 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.

# 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                 |                    |                            |               |
| 2       | C           | 4.00          | 12.57        | 02/04/10      | 8.40                  | 03/03/10    | 28                 |                    |                            |               |
| 2       | D           |               |              | 02/04/10      | 8.44                  |             | Hold               |                    |                            |               |

Comments: Not tested for plastic unit weight.

Samples Made By: Terracon  
Services:

Terracon Rep.: Ethan M. Marro

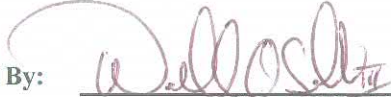
Reported To:

Contractor:

Report Distribution:

(1) BKA Architects

Reviewed By:

  
Wendell Shedd

## Test Methods:

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