S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland Me - The Park Danforth - Construction Materials Testing Services

Project Number: 14-0065.2

Client: The Park-Danforth

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 3/30/2016 **Time Cast:** 10:50 **Date Received:** 3/31/2016

Placement Location: SLAB ON GRADE: ELECTRICAL ROOMS, OILER ROOM, GARAGE: LINE F TO H, 7 TO 11

Placement Method: PUMP + BUGGY

Cylinders Made By: VAN TERRELL, JR.

Placement Vol. (yd³): 90

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER GLENIUM
MASTER AIR
MASTER SET
FIBER

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5 1/4

Air Content (%) (C-231) **Air WR:** 6.0

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 72

Load Number: 5

Mixer Number: 159

Ticket Number 293693

Cubic Yards: 10

Design (psi): **5000**

Batch 9:59

Arrive 10:27

Depart 10:50

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	**Age (days)**	Fracture Type	Load (kips)	**Strength (psi)**
730-44A	8.40	4.02	12.66	4/6/2016	Lab	**7**	5	55.6	**4390**
730-44B	8.45	4.02	12.70	4/27/2016	Lab	**28**	4	68.8	**5420**
730-44C	8.35	4.00	12.59	4/27/2016	Lab	**28**	5	69.0	**5480**
730-44D	8.35			Hold	Lab				

Fracture Types

1 Cone both ends; 2 Cone one end w/ split; 3 Columnar; 4 Diagonal; 5 Side at top or bottom; 6 Pointed End

Remarks:

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