Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME - 1945 Congress Street - Construction Materials Testing Services

Project Number: 16-1446

Client: Northland Enterprises LLC

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 6/13/2017 **Time Cast:** 7:50 **Date Received:** 6/14/2017

Placement Location: WALLS: ENTRYWAY WALLS BETWEEN 2&3 LINES

Placement Method: TAILGATE

Placement Vol. (yd³): 5

Cylinders Made By: CHARLES CROMWELL

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 62 **Maximum (ºF)** 84

DELIVERY INFORMATION

Admixtures: MASTER AIR / MASTER GLENIUM / MASTER SET

TEST RESULTS

Slump (in) (C-143): 4 1/2

Air Content (%) (C-231) 5

Air Temp (ºF): 80

Conc. Temp (ºF) (C-1064): 78

Load Number: 1

Mixer Number 83

Ticket Number 338268

Cubic Yards: 5

Design (psi): **4000**

Batch 6:42

Arrive 7:06

Depart 8:15

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)**
923-9A	8.40	4.01	12.60	6/20/2017	Lab	**7**	4	59.6	**4730**
923-9B	8.40	4.00	12.59	7/11/2017	Lab	**28**	4	67.8	**5390**
923-9C	8.40	4.01	12.60	7/11/2017	Lab	**28**	4	69.6	**5530**
923-9D	8.40			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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