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: 6/7/2017 **Time Cast:** 1:50 **Date Received:** 6/8/2017

Placement Location: WALLS: F-LINE FROM 6 TO 9-LINE AND F-LINE FROM 1 TO 4-LINE / FOOTINGS AT B/3, C/3, D/3, E/3, B/4, B/5

Placement Method: TAILGATE

Placement Vol. (yd³): 25.5

Cylinders Made By: CHARLES CROMWELL

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) NT **Maximum (ºF)** NT

DELIVERY INFORMATION

Admixtures: MASTER AIR / MASTER GLENIUM

TEST RESULTS

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

Air Content (%) (C-231) 5

Air Temp (ºF): 60

Conc. Temp (ºF) (C-1064): 74

Load Number: 1

Mixer Number 156

Ticket Number 332064

Cubic Yards: 10

Design (psi): **4000**

Batch 1:02

Arrive 1:23

Depart 2:06

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)**
923-7A	8.55	4.01	12.65	6/14/2017	Lab	**7**	5	56.0	**4430**
923-7B	8.55	4.02	12.67	7/5/2017	Lab	**28**	4	72.0	**5680**
923-7C	8.55	4.01	12.62	7/5/2017	Lab	**28**	3	65.0	**5150**
923-7D	8.55			Hold	Lab				

Fracture Types

Cone both ends | Cone one end w/ split | Columnar | Diagonal | Side at top or bottom | Pointed End

Remarks:

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