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: 6/1/2017 **Time Cast:** 4:30 **Date Received:** 6/2/2017

Placement Location: WALLS: A-LINE BETWEEN 5 & 6-LINE, 9-LINE BETWEEN A & F

Placement Method: TELEBELT

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 24

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): 5

Air Content (%) (C-231) 5.5

Air Temp (ºF): 68

Conc. Temp (ºF) (C-1064): 77

Load Number: 1

Mixer Number 144

Ticket Number 331891

Cubic Yards: 8

Design (psi): **4000**

Batch 3:44

Arrive 4:04

Depart 4:20

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)**
923-5A	8.45	4.00	12.59	6/8/2017	Lab	**7**	4	55.8	**4430**
923-5B	8.45	4.01	12.63	6/29/2017	Lab	**28**	4	63.8	**5050**
923-5C	8.45	4.01	12.60	6/29/2017	Lab	**28**	4	63.4	**5030**
923-5D	8.45			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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