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:

PLACEMENT INFORMATION

Date Cast: 5/23/2017 **Time Cast:** **Date Received:** 5/24/2017

Placement Location: 1 LINE F TO C, C LINE , C TO A ON 7 LINE, 50' DOWN A LINE

Placement Method: TRUCK CHUTE

Placement Vol. (yd³): 42

Cylinders Made By: JOSHUA MOORE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 63 **Maximum (ºF)** 71

DELIVERY INFORMATION

Admixtures: AE / MRWR

TEST RESULTS

Slump (in) (C-143): 5

Air Content (%) (C-231) 5

Air Temp (ºF): 65

Conc. Temp (ºF) (C-1064): 74

Load Number: 2

Mixer Number 148

Ticket Number 213725

Cubic Yards: 10.5

Design (psi): **4000**

Batch 2:09

Arrive 2:30

Depart

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)**
923-2A	8.35	4.01	12.63	5/30/2017	Lab	**7**	5	52.8	**4180**
923-2B	8.35	4.01	12.62	6/20/2017	Lab	**28**	5	64.6	**5120**
923-2C	8.35	4.02	12.68	6/20/2017	Lab	**28**	4	67.6	**5330**
923-2D	8.35			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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