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: 6/12/2017 **Time Cast:** 11:44 **Date Received:** 6/13/2017

Placement Location: FOOTINGS: THE REST OF INTERIOR SPREAD FOOTING AND F-LINE FROM 4-LINE TO 6-LINE

Placement Method: TAILGATE

Placement Vol. (yd³): 14

Cylinders Made By: CHARLES CROMWELL

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 68 **Maximum (ºF)** 84

DELIVERY INFORMATION

Admixtures: MASTER AIR / MASTER GLENIUM / MASTER SET

TEST RESULTS

Slump (in) (C-143): 5 1/2

Air Content (%) (C-231) 6.5

Air Temp (ºF): 90

Conc. Temp (ºF) (C-1064): 84

Load Number: 1

Mixer Number 119

Ticket Number 3322110

Cubic Yards: 7

Design (psi): **4000**

Batch 10:41

Arrive 11:00

Depart 11:45

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)**
923-8A	8.35	4.01	12.64	6/19/2017	Lab	**7**	4	53.0	**4190**
923-8B	8.30	4.01	12.66	7/10/2017	Lab	**28**	4	61.2	**4840**
923-8C	8.35	4.02	12.68	7/10/2017	Lab	**28**	4	63.0	**4970**
923-8D	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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