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: 7/10/2017 **Time Cast:** 6:59 **Date Received:** 7/11/2017

Placement Location: UNIT 3, I-STORY BUILDING; ENTIRE INTERIOR SLAB

Placement Method: PUMP

Placement Vol. (yd³): 320

Cylinders Made By: AIDAN BOYCE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) NT **Maximum (ºF)** NT

DELIVERY INFORMATION

Admixtures: POLYMESH / MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): 5 3/4

Air Content (%) (C-231) **Air WR:** 2.2

Air Temp (ºF): 68

Conc. Temp (ºF) (C-1064): 75

Load Number: 14

Mixer Number 155

Ticket Number 215209

Cubic Yards: 10

Design (psi): **3500**

Batch 5:50

Arrive 6:20

Depart 6:56

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)**
923-13A	8.40	4.19	13.82	7/17/2017	Lab	**7**	4	49.0	**3550**
923-13B	8.40	4.01	12.61	8/7/2017	Lab	**28**	5	44.6	**3540**
923-13C	8.40	4.01	12.62	8/7/2017	Lab	**28**	5	46.0	**3650**
923-13D	8.40	4.00	12.59	9/4/2017	Lab	**56**	4	48.8	**3880**

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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