S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME- Maine Fiber - Construction Materials Testing Services

Project Number: 16-0749

Client: Wireless Construction, Inc.

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 7/12/2016 **Time Cast:** 1:50 **Date Received:**

Placement Location: FOUNDATION PIERS

Placement Method: TAILGATE

Cylinders Made By: AIDAN BOYCE

Placement Vol. (yd³): 18

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER AIR
MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6

Air Content (%) (C-231) **Air WR:** 4.2

Air Temp (°F): 85

Conc. Temp (°F) (C-1064): 83

Load Number: 1

Mixer Number: 144

Ticket Number 204953

Cubic Yards: 9

Design (psi): **5000**

Batch 12:39

Arrive 1:06

Depart 1:45

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)**
821-1A	8.50	4.02	12.71	7/19/2016	Lab	**7**	5	58.2	**4580**
821-1B	8.50			8/9/2016	Lab	**28**			
821-1C	8.50			8/9/2016	Lab	**28**			
821-1D	8.50			Hold	Lab				

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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