



Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND ME - RESIDENCE INN BY MARRIOTT - MATERIALS TESTING

Project Number: 06-0726.2

Client: CHAPIN REALTY, LLC

Client Contract Number:

General Contractor:

Concrete Supplier: DRAGON PRODUCTS

PLACEMENT INFORMATION

Date Cast: 5/27/2008 **Time Cast:** 2:20

Date Received: 5/28/2008

Placement Location: 20 LINE X TO V WALL

Placement Method: TAILGATE

Placement Vol. (yd³): 3

Cylinders Made By: DMR

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143): 6
Air Content (%) (C-231): 6.6
Air Temp (°F): 75
Conc. Temp (°F) (C-1064): 72

Load Number: 1
Mixer Number: 176
Ticket Number: 6529221
Cubic Yards: 3
Design (psi): 4000

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)
851-11A		6.00	28.27	6/3/2008	Lab	7	4	71.5	2530
851-11B		6.00	28.27	6/23/2008	Lab	27	4	114.0	4030
851-11C		6.00	28.27	6/23/2008	Lab	27	4	109.5	3870
851-11D		6.00	28.27	7/22/2008	Lab	56	4	119.5	4230

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: