



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: 9/10/2008 **Time Cast:** 10:20

Date Received: 9/15/2008

Placement Location: FIRST FLOOR SLAB ON GRADE

Placement Method: PUMP (NORTHEAST)

Placement Vol. (yd³): 138

Cylinders Made By: BZM

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997
NO AIR

TEST RESULTS

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

Load Number: 9

Air Content (%) (C-231): **Air WR:** 1.9

Mixer Number: 177

Air Temp (°F): 65

Ticket Number: 4530976

Conc. Temp (°F) (C-1064): 70

Cubic Yards: 10

Design (psi): 3500

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)
851-29A		6.00	28.27	9/17/2008	Lab	7	4	81.0	2870
851-29B		6.00	28.27	10/8/2008	Lab	28	4	143.5	5080
851-29C		6.00	28.27	10/8/2008	Lab	28	4	146.0	5160
851-29D				Hold	Lab				

Fracture Types



1
Cone



2
Cone and Split



3
Cone and Shear



4
Shear



5
Columnar

Remarks: