

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:** 7:30
Placement Location: FIRST FLOOR SLAB ON GRADE

Date Received: 9/15/2008

Placement Method: PUMP (NORTHEAST)
Cylinders Made By: BZM

Placement Vol. (yd³): 138
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
Air Content (%) (C-231): **Air WR:** 1.8
Air Temp (°F): 60
Conc. Temp (°F) (C-1064): 70

Load Number: 1
Mixer Number: 189
Ticket Number: 4530957
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)
851-28A		6.00	28.27	9/17/2008	Lab	7	4	90.0	3180
851-28B		6.00	28.27	10/8/2008	Lab	28	4	144.5	5110
851-28C		6.00	28.27	10/8/2008	Lab	28	4	151.5	5360
851-28D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: