

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: 10/14/2008 **Time Cast:** 8:33 **Date Received:** 10/15/2008

Placement Location: SLAB ON GRADE: LINE A TO D LINE 9 TO 14

Placement Method: PUMP*

Placement Vol. (yd³): 70

Cylinders Made By: VLT

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997
 POZZUTEC 20 1%

TEST RESULTS

Slump (in) (C-143):	Slump WR: 6	Load Number: 4
Air Content (%) (C-231):	Air WR: 2.5	Mixer Number: 181
Air Temp (°F): 56		Ticket Number: 4531564
Conc. Temp (°F) (C-1064): 64		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)
851-32A		6.00	28.27	10/21/2008	Lab	7	4	110.0	3890
851-32B		6.00	28.27	11/11/2008	Lab	28	4	155.5	5500
851-32C		6.00	28.27	11/11/2008	Lab	28	4	161.0	5700
851-32D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: * NORTHEAST CONCRETE PUMPING