

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: 5/30/2008 **Time Cast:** 12:05 **Date Received:** 6/3/2008
Placement Location: PILE CAPS + GRADE BEAMS: LINE A, 9-12, LINE D, 9+10
 WALL SECTION: LINEA, 5TO0 PARIMETER WALL: LINE I, B.7 + J RETAINING WALL:
Placement Method: PUMP TRUCK* **Placement Vol. (yd³):** 90
Cylinders Made By: VLT **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5 **Load Number:** 4
Air Content (%) (C-231): **Air WR:** 5.0 **Mixer Number:** 173
Air Temp (°F): 73 **Ticket Number:** 4529282
Conc. Temp (°F) (C-1064): 71 **Cubic Yards:** 40
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)
851-12A		6.00	28.27	6/6/2008	Lab	7	4	101.0	3570
851-12B				6/27/2008	Lab	28			
851-12C				6/27/2008	Lab	28			
851-12D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: *NORTHEAST CONCRETE