

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: 5/22/2008	Time Cast: 1:55	Date Received: 5/28/2008
Placement Location: WALL LINE I, I TO J, LINE 20, X TO R WALL LINE 19.9, P TO N		
Placement Method: CONVEYOR*	Placement Vol. (yd³): 90	
Cylinders Made By: VLT	Aggregate Size (in): 3/4	

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F)	Maximum (°F)
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DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143):	Slump WR: 5 3/4	Load Number: 4
Air Content (%) (C-231):	Air WR: 5.5	Mixer Number: 186
Air Temp (°F): 57		Ticket Number: 4529164
Conc. Temp (°F) (C-1064): 66		Cubic Yards: 10
		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)
851-10A		6.00	28.27	5/29/2008	Lab	7	4	106.5	3770
851-10B		6.00	28.27	6/19/2008	Lab	28	4	137.5	4860
851-10C		6.00	28.27	6/19/2008	Lab	28	4	145.0	5130
851-10D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: * NEWMAN CONCRETE