

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: 9/17/2008 **Time Cast:** 8:20 **Date Received:** 9/19/2008
Placement Location: FIRST FLOOR SLAB - POOL AREA
Placement Method: PUMP (NORTHEAST) **Placement Vol. (yd³):** 37
Cylinders Made By: BZM **Aggregate Size (in):** 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM
NO AIR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 **Load Number:** 2
Air Content (%) (C-231): **Air WR:** 2.7 **Mixer Number:** 192
Air Temp (°F): 63 **Ticket Number:** NONE
Conc. Temp (°F) (C-1064): 71 **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)
851-30A		6.00	28.27	9/24/2008	Lab	7	4	100.0	3540
851-30B		6.00	28.27	10/15/2008	Lab	28	4	142.0	5020
851-30C		6.00	28.27	10/15/2008	Lab	28	4	147.0	5200
851-30D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: