



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: 10/20/2008 **Time Cast:** 8:20 **Date Received:** 10/21/2008

Placement Location: NORTH STAIRWELL - STAIRS NORTH GATE BEAM

Placement Method: PUMP

Placement Vol. (yd³): 20

Cylinders Made By: SEB

Aggregate Size (in): 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997
POZZUTEC 2%

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5.5
Air Content (%) (C-231): **Air WR:** 6.0
Air Temp (°F): 46
Conc. Temp (°F) (C-1064): 58

Load Number: 1
Mixer Number: 192
Ticket Number: 4531675
Cubic Yards: 10.5
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)
851-33A		6.00	28.27	10/27/2008	Lab	7	4	120.5	4260
851-33B		6.00	28.27	11/17/2008	Lab	28	4	150.5	5320
851-33C		6.00	28.27	11/17/2008	Lab	28	4	155.0	5480
851-33D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: