

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - FORE RIVER SHORT STAY HOSPITAL
 PROJECT - MATERIALS TESTING / SPECIAL

Project Number: 06-1069.1

Client: MERCY HOSPITAL

Client Contract Number:
General Contractor:
Concrete Supplier: DRAGON PRODUCTS

PLACEMENT INFORMATION

Date Cast: 5/8/2007 **Time Cast:** **Date Received:** 5/9/2007

Placement Location: 5TH FLOOR INTERIOR DECK SLAB

Placement Method: PUMP

Placement Vol. (yd³): 200

Cylinders Made By: SEB

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:** 6.0

Load Number: 11

Air Content (%) (C-231):
Mixer Number: 190

Air Temp (°F): 48

Ticket Number: 4526329

Conc. Temp (°F) (C-1064): 62

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)
702-72A		6.00	28.27	5/15/2007	Lab	7	4	127.5	4510
702-72B				6/5/2007	Lab	28			
702-72C				6/5/2007	Lab	28			
702-72D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: