

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: 6/13/2007 **Time Cast:** 7:38

Date Received: 6/14/2007

Placement Location: LOADING DOCK

Placement Method: CHUTE

Placement Vol. (yd³): 20

Cylinders Made By: JLD

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: NONE

TEST RESULTS

Slump (in) (C-143): 4.75

Load Number: 2

Air Content (%) (C-231): 5.6

Mixer Number: 191

Air Temp (°F):

Ticket Number: 3927368

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)
702-93A		6.00	28.27	6/20/2007	Lab	7	4	90.5	3200
702-93B		6.00	28.27	7/11/2007	Lab	28	4	122.0	4320
702-93C		6.00	28.27	7/11/2007	Lab	28	4	127.5	4510
702-93D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: