

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: 3/30/2007 **Time Cast:** **Date Received:** 3/31/2007

Placement Location: 2ND FLOOR INTERIOR DECK SLAB 1 TO 3 & A TO H LINES

Placement Method: DIRECT

Placement Vol. (yd³): 240

Cylinders Made By: SEB

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

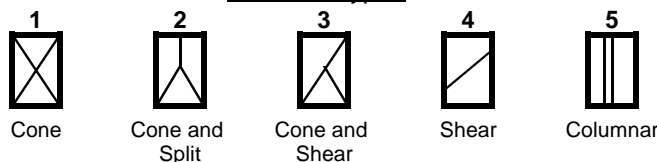
Admixtures: POLYHEED

TEST RESULTS

Slump (in) (C-143):	Slump WR: 6	Load Number: 24
Air Content (%) (C-231):	Air WR: 2.4	Mixer Number: 170
Air Temp (°F): 44		Ticket Number: 4525718
Conc. Temp (°F) (C-1064): 65		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)
702-49A		6.00	28.27	4/6/2007	Lab	7	4	104.0	3680
702-49B				4/27/2007	Lab	28			
702-49C				4/27/2007	Lab	28			
702-49D				Hold	Lab				

Fracture Types



Remarks: