

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: 5/23/2007 **Time Cast:** 7:35 **Date Received:** 5/24/2007

Placement Location: BASEMENT FLOOR SLAB ON GRADE LINES 1-5, H-E

Placement Method:
Placement Vol. (yd³): 140

Cylinders Made By: VLT

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997,
 POZZUTEC 20 1%

TEST RESULTS

Slump (in) (C-143):	Slump WR: 6	Load Number: 6
Air Content (%) (C-231):	Air WR: 2.5	Mixer Number: 182
Air Temp (°F): 43		Ticket Number: 4526558
Conc. Temp (°F) (C-1064): 58		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)
702-79A		6.00	28.27	5/30/2007	Lab	7	4	98.0	3470
702-79B				6/20/2007	Lab	28			
702-79C				6/20/2007	Lab	28			
702-79D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: