

## Report of Concrete Compressive Strength

ASTM C-31 &amp; 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:** DAYTON

### PLACEMENT INFORMATION

**Date Cast:** 5/7/2008      **Time Cast:** 8:50      **Date Received:** 5/8/2008

**Placement Location:** SIDEWALK - LEFT OF FRONT ENTRANCE

**Placement Method:** TAILGATE

**Placement Vol. (yd<sup>3</sup>):** 7.5

**Cylinders Made By:** VLT

**Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

**Minimum (°F)**                      **Maximum (°F)**

### DELIVERY INFORMATION

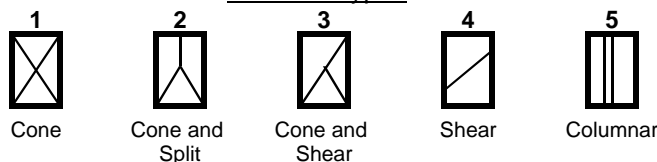
**Admixtures:** NA

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b> 6	<b>Load Number:</b> 1
<b>Air Content (%) (C-231):</b>	<b>Air WR:</b> 5.9	<b>Mixer Number:</b> 603
<b>Air Temp (°F):</b> 59		<b>Ticket Number:</b> 106091
<b>Conc. Temp (°F) (C-1064):</b> 61		<b>Cubic Yards:</b> 7.5
		<b>Design (psi):</b> 4000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) <sup>2</sup>	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
702-101A		6.00	28.27	5/14/2008	Lab	<b>7</b>	4	92.0	<b>3250</b>
702-101B				6/4/2008	Lab	<b>28</b>			
702-101C				6/4/2008	Lab	<b>28</b>			
702-101D				Hold	Lab				

#### Fracture Types



Remarks: