

## 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:** DRAGON PRODUCTS

### PLACEMENT INFORMATION

**Date Cast:** 1/12/2007      **Time Cast:** 1:30

**Date Received:** 1/15/2007

**Placement Location:** LOADING DOCK FOUNDATION

**Placement Method:** TAILGATE

**Placement Vol. (yd<sup>3</sup>):** 31

**Cylinders Made By:** VLT

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

### INITIAL CURING CONDITIONS

#### Temperatures

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

### DELIVERY INFORMATION

**Admixtures:** N/A

### TEST RESULTS

**Slump (in) (C-143):**                      **Slump WR:** 3.5

**Load Number:** 2

**Air Content (%) (C-231):**                      **Air WR:** 5.5

**Mixer Number:** 181

**Air Temp (°F):** 41

**Ticket Number:** 4524997

**Conc. Temp (°F) (C-1064):** 60

**Cubic Yards:** 10

**Design (psi):** 3000

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)
702-36A		6.00	28.27	1/19/2007	Lab	7	4	82.5	2920
702-36B		6.00	28.27	2/9/2007	Lab	28	4	117.0	4140
702-36C		6.00	28.27	2/9/2007	Lab	28	4	118.5	4190
702-36D				Hold	Lab				

#### Fracture Types



Cone



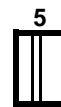
Cone and Split



Cone and Shear



Shear



Columnar

Remarks: