



# Report of Mortar Compressive Strength

ASTM C109

**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:**

**Supplier:**

## PLACEMENT INFORMATION

**Date Cast:** 6/21/2007      **Time Cast:** 2:00      **Date Received:** 6/22/2007

**Placement Location:** MASONRY BLOCKS - BOILER ROOM LINE 2.8 MAIN CORRIDOR/CHILLER ROOM

**Placement Method:**

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

**Cylinders Made By:** VLT

**Aggregate Size (in):** N/A

## INITIAL CURING CONDITIONS

### Temperatures

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

## DELIVERY INFORMATION

**Admixtures:**

## TEST RESULTS

**Air Temp (°F):** 75

**Batch Number:**

**Mortar Temp (°F) (C-1064)** 73

**Mixer Number:**

**Ticket Number:**

**Design (psi):** 1800

Cube Designation	Area(In) <sup>2</sup>	Date Of Test	Age (days)	Load (kips)	Strength (psi)
702-94A	4.00	6/28/2007	7	5.9	1480
702-94B	4.00	6/28/2007	7	6.0	1500
702-94C	4.00	7/19/2007	28	7.7	1920
702-94D	4.00	7/19/2007	28	6.9	1720
702-94E		8/16/2007	56		
702-94F		8/16/2007	56		

Remarks: SUPPLIER IS QUIKCRETE